

**IN THE UNITED STATES DISTRICT COURT
FOR THE NORTHERN DISTRICT OF WEST VIRGINIA**

UNITED STATES OF AMERICA and
THE STATE OF WEST VIRGINIA by and
through the WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL
PROTECTION,

Plaintiffs,

v.

ANTERO RESOURCES CORP.,

Defendant.

ELECTRONICALLY
FILED
Feb 11 2019
U.S. DISTRICT COURT
Northern District of WV

Civil Action No. 1:19-CV-20 (Kleeh)

COMPLAINT

The United States of America (“United States”), on behalf of the United States Environmental Protection Agency (“EPA”); and the State of West Virginia (“the State”), by and through the West Virginia Department of Environmental Protection (“WVDEP”) (collectively, “Plaintiffs”), file this Complaint and allege as follows:

NATURE OF THE ACTION

1. This is a civil action commenced under Section 309(b) and (d) of the Clean Water Act (“CWA”), 33 U.S.C. § 1319(b) & (d), and under Section 22 of the West Virginia Water Pollution Control Act (“West Virginia WPCA” or “WPCA”), W. Va. Code § 22-11-22. Plaintiffs seek injunctive relief and civil penalties against Defendant Antero Resources Corporation, for violating Section 301 of the CWA, 33 U.S.C. § 1311, and Sections 6 and 8 of the WPCA, W. Va. Code §§ 22-11-6 & 22-11-8, and applicable regulations (including the State’s Requirements Governing Water Quality Standards, W. Va. Code St. R. § 47-2-1 *et seq.*), by

discharging dredged or fill material into waters of the United States and waters of the State at certain locations in the State of West Virginia (the “Sites”) without a permit issued pursuant to Section 404 of the CWA, 33 U.S.C. § 1344, and without the necessary authorization under the West Virginia WPCA.

2. In this action Plaintiffs seek: (1) to enjoin the unauthorized discharge of pollutants into waters of the United States and the State at or from the Sites; (2) to require Defendant, at its own expense and at the direction of Plaintiffs to restore and/or mitigate the impacts caused by the allegedly unlawful activities; and (3) to require Defendant to pay civil penalties as provided in 33 U.S.C. § 1319(d) and W. Va. Code § 22-11-22.

JURISDICTION AND VENUE

3. This Court has jurisdiction over the subject matter of this action under Section 309(b) of the CWA, 33 U.S.C. § 1319(b), and under 28 U.S.C. §§ 1331, 1345, 1355, and 1367.

4. Venue is proper in the United States District Court for the Northern District of West Virginia under 28 U.S.C. § 1391(b) and (c), as well as Section 309(b) of the CWA, 33 U.S.C. § 1319(b), because Defendant conducts business in this District, the subject Sites are located in this District, and the causes of action alleged herein arose in this District.

5. Because the State of West Virginia is a party to this Complaint, it has notice of the commencement of this action as required by Section 309(b) of the CWA, 33 U.S.C. § 1319(b).

THE PARTIES

6. Plaintiff United States of America, acting at the request and on behalf of the EPA, is vested with the authority to bring this action under 28 U.S.C. §§ 516 and 519, and 33 U.S.C. § 1366.

7. Plaintiff State of West Virginia, by and through the WVDEP, is vested with the authority to bring this action under W. Va. Code §§ 5-3-2 and -3, 22-1-5, and 22-11-7 & -22.

8. Defendant Antero Resources Corporation is a Delaware corporation, which conducts business in the Northern District of West Virginia, with a business address of 1615 Wynkoop Street, Denver, CO 80202. Antero Resources Corporation is a domestic energy company with operations focused on oil and natural gas production, including hydraulic fracturing operations (or “fracking”) in the Marcellus Shale, and has an extensive network of operations in natural gas fields in West Virginia, including more than approximately 535,000 net acres worth of mineral leases in the State. It also owns and operates approximately 213 miles of gas gathering pipelines in the Marcellus Shale. The company was formerly known as Antero Resources Appalachian Corporation and changed its name to Antero Resources Corporation in June 2013. Antero Resources Corporation is a wholly-owned subsidiary of Antero, LLC, a Delaware corporation, which is headquartered at 1615 Wynkoop Street, Denver, CO 80202.

9. On December 1, 2010, Antero Resources Corporation acquired 100% of the general partnership interests of Bluestone Energy Partners, which owned approximately 37,250 acres of leasehold rights in the Appalachian Basin in Pennsylvania and West Virginia along with 96 producing wells, of which 47 wells were located in the Marcellus Shale. Antero Resources Corporation acquired Bluestone Energy Partners under Delaware law, and therefore, Antero is the prior, as well as current, owner of the former Bluestone Energy Partner facilities.

STATUTORY BACKGROUND

The Clean Water Act

10. Section 301(a) of the CWA, 33 U.S.C. § 1311(a), prohibits the “discharge of any pollutant,” including dredged or fill material, by any person from any point source to navigable

waters unless that discharge is authorized by a permit issued under Section 404 of the CWA, 33 U.S.C. § 1344.

11. Section 502(6) of the CWA, 33 U.S.C. § 1362(6), defines “pollutant” to include, *inter alia*, dredged spoil, rock, sand, and cellar dirt.

12. Section 502(14) of the CWA, 33 U.S.C. § 1362(14), defines “point source” to include “any discernible, confined and discrete conveyance . . . from which pollutants are or may be discharged.”

13. Section 502(5) of the CWA, 33 U.S.C. § 1362(5), defines “person” to include “an individual, corporation, partnership, [or] association.”

14. Section 502(7) of the CWA, 33 U.S.C. § 1362(7), defines “navigable waters” as “the waters of the United States, including the territorial seas.” In turn, 33 C.F.R. § 328.3(a)(1), (2), (5) and (7) (1993) and 40 C.F.R. § 232.2 (1993) define “waters of the United States” to include: (i) all waters which are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce; (ii) all inter-state waters; (iii) tributaries to such waters; and (iv) wetlands adjacent to such waters or their tributaries.

15. 33 C.F.R. § 328.3(b) and 40 C.F.R. §§ 122.2 and 232.2 define “wetlands” as “those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions.”

16. Section 404(a) of the CWA, 33 U.S.C. § 1344(a), authorizes the Secretary of the Army, acting through the Chief of Engineers, U.S. Army Corps of Engineers, to issue permits for the discharge of dredged or fill material to navigable waters at specified disposal sites.

17. Section 309(b) of the CWA, 33 U.S.C. § 1319(b), authorizes the EPA Administrator to commence a civil action for appropriate relief, including a permanent or temporary injunction, against any person who violates Section 301 of the CWA, 33 U.S.C. § 1311.

18. Section 309(d) of the CWA, 33 U.S.C. § 1319(d), authorizes the commencement of an action for civil penalties against any person who violates Section 301(a) of the CWA, 33 U.S.C. § 1311(a), and provides that any person who violates Section 301 shall be subject to a civil penalty payable to the United States of up to \$25,000 per day for each violation.

19. Pursuant to the Federal Civil Penalties Inflation Adjustment Act of 1990, 28 U.S.C. § 2461 note, as amended by the Debt Collection Improvement Act of 1996, 31 U.S.C. § 3701 note, 69 Fed. Reg. 7121 (Feb. 13, 2004), 74 Fed. Reg. 626 (Jan. 7, 2009), 81 Fed. Reg. 43,091 (July 1, 2016), 82 Fed. Reg. 3633 (Jan. 12, 2017), and by the Federal Civil Penalties Inflation Adjustment Act Improvements Act of 2015 (28 U.S.C. § 2461 note; Bipartisan Budget Act of 2015, Pub. L. No. 114-74, § 701, 129 Stat 584, 599-601 (2015)), 40 C.F.R. Part 19, EPA may seek civil penalties, adjusted for inflation, of up to \$32,500 per day for each violation occurring between March 15, 2004, and January 12, 2009; up to \$37,500 per day for each violation occurring after January 12, 2009; \$37,500 per day for each violation occurring after January 12, 2009, and through November 2, 2015; up to \$51,570 per day for each violation occurring after November 2, 2015, and through January 15, 2017; and up to \$52,414 per day for each violation occurring after January 15, 2017.

West Virginia Water Pollution Control Act

20. Section 8 of the WPCA, W. Va. Code § 22-11-8, prohibits the discharge of any pollutant by any person from a point source into waters of the State of West Virginia, except,

inter alia, in compliance with applicable water quality standards, effluent limitations, and all other requirements of the WPCA.

21. Section 3 of the WPCA, W. Va. Code § 22-11-3, defines “pollutant” to mean, *inter alia*, “industrial wastes” and “other wastes,” which include “any liquid, gaseous, solid or other waste substance, or a combination thereof, resulting from or incidental to any process of industry, manufacturing, trade or business, or from or incidental to the development, processing or recovery of any natural resources” and “all other materials and substances not sewage or industrial wastes which may cause or might reasonably be expected to cause or to contribute to the pollution of any of the waters of the state.”

22. Section 6 of the WPCA, W. Va. Code § 22-11-6, requires compliance with all water quality standards. West Virginia’s Requirements Governing Water Quality Standards, W.Va. Code St. R. § 47-2-3, bar the discharge of any pollutant that “adversely alters the integrity of the waters of the State including wetlands,” and further prohibits any “significant adverse impact to the chemical, physical, hydrologic, or biological components of aquatic ecosystems[.]”

23. Section 22 of the WPCA, W.Va. Code § 22-11-22, authorizes WVDEP to commence a civil action for injunctive relief to compel compliance with and enjoin violations of any provision of the WPCA. Section 22 of the WPCA also provides that any person who violates any provision of the WPCA or any rule issued pursuant to the WPCA is subject to a civil penalty of up to \$25,000 per day for each violation.

GENERAL ALLEGATIONS

24. Defendant is engaged in the exploration and production of natural gas in the Appalachian Basin, including through the use of hydraulic fracturing. In furtherance of its natural gas extraction operations, Defendant constructed and/or operated, and/or controlled and

directed the construction and operation of, numerous well pads, access roads, pipelines, surface impoundments, and other structures and appurtenances in the State of West Virginia. The construction and/or operation of the foregoing resulted in unauthorized discharges of “pollutants” as that term is defined in Section 502(6) of the CWA, 33 U.S.C. § 1362(6), and 40 C.F.R. § 232.2, and in Section 3 of the WPCA, W. Va. Code § 22-11-3, including dredged and/or fill material, into streams and/or wetlands at the Sites.

25. The Sites are 32 properties in West Virginia’s Harrison, Doddridge, and Tyler Counties, where Defendant has conducted operations that resulted in the unauthorized discharge of dredged and/or fill material into waters of the United States and/or waters of the State.

26. Beginning in early 2011, EPA learned of unauthorized discharges of dredged and/or fill material to waters of the United States and of the State associated with Defendant’s extraction of natural gas from the Marcellus Shale in West Virginia.

27. On May 23, 2011, EPA sent an information request to Defendant pursuant to Section 308 of the CWA, 33 U.S.C. § 1318, regarding the Sites known as O. Rice, Hill, Johnson, Matthews, Mary Post, Matthey, Rossco, and Hurst 21 and 23 and any other sites in Pennsylvania, Maryland, Virginia, and West Virginia where Antero Resources Corporation is actively drilling or intends to drill.

28. On February 9, 2011, EPA conducted inspections of Defendant’s operations jointly with the U.S. Army Corps of Engineers (“Corps”) and the WVDEP. The group inspected three of Defendant’s operations—the Matthews Drill Pad, the Matthey Gas Well Pad and Impoundment, and the O. Rice Gas Well Pad and Impoundment—and identified violations at all three Sites.

29. As a result, the Corps issued Cease and Desist Orders to Antero Resources Appalachian Corporation on February 18, 2011, regarding the Matthews Drill Pad and on March 2, 2011, regarding the O. Rice and Matthey well pads and appurtenant structures. On March 31, 2011, EPA issued an Administrative Order for Compliance (“AOC”), pursuant to Section 309(a) of the CWA, 33 U.S.C. § 1319(a), for the O. Rice and Matthey Sites. On April 27, 2011, a Corps inspector observed Antero installing a pipeline through streams and wetlands between the O. Rice and Matthey well pads in violation of the Cease and Desist Orders and the AOC. On May 23, 2011, EPA issued an AOC for the Matthews pad.

30. EPA and the Corps performed another round of inspections on May 3 and 4, 2011, on the O. Rice, Matthey, Hill, Mary Post, Johnson, and Hurst Sites. On May 12, 2011, the Corps issued a Cease and Desist Order directing Antero to cease all unpermitted discharges to waters of the United States for all of these Sites. EPA issued an AOC for the Hill, Mary Post, and Hurst Sites on June 21, 2011, for the Johnson Site on January 15, 2014.

31. EPA inspected the Rossco Site with the Corps on May 31, 2011, and issued an AOC for this Site on July 28, 2011.

32. On July 31, 2012, EPA received a complaint that Antero had filled a tributary of Brushy Fork with gravel without a permit. EPA inspected the Brushy Fork Road Site on August 15, 2012, and requested that Antero remove the fill and restore the stream. Antero completed remedial actions to remove the fill and constructed a stable crossing of the stream in November 2013.

33. EPA, the Corps, and WVDEP inspected the Neva Ritter Site on January 9, 2013, and observed stream impacts. EPA issued an AOC for the Site on June 13, 2013.

34. During a series of inspections between April 8 and April 11, 2014, EPA and the State identified ongoing poor operational practices at a number of sites, including significant sedimentation, incorrectly installed culverts and outfalls, impacts to unprotected mapped streams and wetlands, and a general lack of maintenance leading to further erosion. Specifically, EPA and the State confirmed previously complained-of impacts at the Bowyer Pad Access/County Road 32/6 Site, identified impacts at the Terry Snider Site, and confirmed impacts at 15 sites inspected as part of an audit (“Audit Sites”): Clarksburg Compressor Station, Cunningham, Davis 1, Five H, Hustead, Ike & Mike Compressor Station, Jarvisville Compressor Station, Lowe, Morris, Moss West/East, Pike Fork Compressor Station, Ross, Sperry 2, Williams 9, and Williams 10.

35. EPA conducted inspections on May 19-20, 2015, and identified or confirmed impacts at five Sites: the Primm Pad, Canton North (also known as North Canton Compressor Station), Nash, Hamilton, and Stewart.

Matthews Site

36. The Matthews Site is located in Harrison County, WV. The Site is located adjacent to unnamed tributaries to Crooked Run. Crooked Run flows to West Fork River and then to the Monongahela River. Wetlands are located adjacent to the unnamed tributaries to Crooked Run.

37. In April 2010, Defendant or persons acting on behalf of Defendant began construction at the Matthews Site on: (1) a freshwater pond as part of its construction of a well pad; (2) improvements to an existing access road; (3) and a pipeline. In the course of its construction activities, Defendant or persons acting on behalf of Defendant discharged dredged or fill material into the unnamed tributaries to Crooked Run and into the wetlands adjacent to

those tributaries. Defendant's discharges impacted approximately 108 linear feet of stream and 0.25 acres of wetlands.

38. The unnamed tributaries to Crooked Run have a significant nexus to and/or are relatively permanent waters that flow to the West Fork River and other downstream waters, including the Monongahela River. The impacted wetlands are adjacent to, in that they have a continuous surface connection with, and/or have a significant nexus to those tributaries and to other downstream waters, including, but not limited to, the West Fork River and the Monongahela River. Portions of the West Fork River downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to the Monongahela River. The Monongahela River is a traditionally navigable water of the United States.

O. Rice Site

39. The O. Rice Site is located in Harrison County, WV. The Site is located adjacent to Indian Run. Indian Run flows to Tenmile Creek, then to West Fork River, and then to the Monongahela River. Wetlands are located adjacent to Indian Run.

40. In or around 2010, Defendant's predecessor began construction on a well pad, and associated freshwater impoundment at the O. Rice Site. On December 1, 2010, Defendant acquired the O. Rice Site. In the course of construction activities, Defendant or persons acting on behalf of Defendant and/or Defendant's predecessor discharged dredged or fill material into Indian Run, the unnamed tributaries to Indian Run, and the wetlands adjacent to those tributaries. Defendant's discharges impacted approximately 694 linear feet of stream and 0.438 acres of wetlands.

41. Indian Run and its unnamed tributaries have a significant nexus to and/or are relatively permanent waters that flow to Tenmile Creek and then to West Fork River and other downstream waters, including the Monongahela River. The impacted wetlands are adjacent to, in that they have a continuous surface connection with, and/or have a significant nexus to those tributaries and to other downstream waters, including, but not limited to, the West Fork River and the Monongahela River. Portions of Tenmile Creek downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to the West Fork River. Portions of the West Fork River downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to the Monongahela River. The Monongahela River is a traditionally navigable water of the United States.

Matthey Site

42. The Matthey Site is located in Harrison County, WV. The Site is located adjacent to Indian Run and unnamed tributaries. Indian Run flows to Tenmile Creek, then to West Fork River, and then to the Monongahela River. Wetlands are located adjacent to Indian Run and its unnamed tributaries.

43. In or around November 2009, Defendant or persons acting on behalf of Defendant began construction on a well pad, and associated flowback pond, impoundment, and pipeline at the Matthey Site, as well as relocation of a barn and construction on improvements to an existing access road to the Matthey Site. In 2010, Defendant or persons acting on behalf of Defendant constructed the Salem Compressor Station and connecting pipelines. In the course of its construction activities, Defendant discharged dredged or fill material into unnamed tributaries to Indian Run and into the wetlands adjacent to Indian Run and its tributaries. Defendant's discharges impacted approximately 917 linear feet of stream and 0.959 acres of wetlands.

44. Indian Run and its unnamed tributaries have a significant nexus to and/or are relatively permanent waters that flows to the Tenmile Creek, and then to West Fork River and other downstream waters, including the Monongahela River. The impacted wetlands are adjacent to, in that they have a continuous surface connection with, and/or have a significant nexus to those tributaries and to other downstream waters, including, but not limited to, the West Fork River and the Monongahela River. Portions of Tenmile Creek downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to the West Fork River. Portions of the West Fork River downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to the Monongahela River. The Monongahela River is a traditionally navigable water of the United States.

Johnson Site

45. The Johnson Site is located in Harrison County, WV. The Site is located adjacent to unnamed tributaries to Indian Run. Indian Run flows to Tenmile Creek, then to West Fork River, and then to the Monongahela River. Wetlands are located adjacent to the unnamed tributaries to Indian Run.

46. In or about September 2009, Defendant or persons acting on behalf of Defendant began construction on a well pad and associated impoundments and pipeline at the Johnson Site, as well as improvements to an existing access road to the Johnson Site. In the course of its construction activities, Defendant or persons acting on behalf of Defendant discharged dredged or fill material into the unnamed tributaries to Indian Run and into the wetlands adjacent to those tributaries. Defendant's discharges impacted approximately 543 linear feet of stream and 0.243 acres of wetlands.

47. The unnamed tributaries to Indian Run have a significant nexus to and/or are relatively permanent waters that flow to the Tenmile Creek, and then to West Fork River and other downstream waters, including the Monongahela River. The impacted wetlands are adjacent to, in that they have a continuous surface connection with, and/or have a significant nexus to those tributaries and to other downstream waters, including, but not limited to, the West Fork River and the Monongahela River. Portions of Tenmile Creek downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to the West Fork River. Portions of the West Fork River downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to the Monongahela River. The Monongahela River is a traditionally navigable water of the United States.

Hill Site

48. The Hill Site is located in Harrison County, WV. The Site is located adjacent to unnamed tributaries to Indian Run. Indian Run flows to Tenmile Creek, then to West Fork River, and then to the Monongahela River. Wetlands are located adjacent to the unnamed tributaries to Indian Run.

49. In or about May 2009, Defendant or persons acting on behalf of Defendant began construction on a well pad, and associated frac pit and pipeline at the Hill Site, as well as improvements to an existing access road to the Hill Site. In the course of construction and operation of the well pad and appurtenances, Defendant or persons acting on behalf of Defendant discharged dredged or fill material into the unnamed tributaries to Indian Run and into the wetlands adjacent to those tributaries. Defendant's discharges impacted approximately 754 linear feet of stream and 0.461 acres of wetlands.

50. The unnamed tributaries to Indian Run have a significant nexus to and/or are relatively permanent waters that flow to the Tenmile Creek and then to West Fork River and other downstream waters, including the Monongahela River. The impacted wetlands are adjacent to, in that they have a continuous surface connection with, and/or have a significant nexus to those tributaries and to other downstream waters, including, but not limited to, the West Fork River and the Monongahela River. Portions of Tenmile Creek downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to the West Fork River. Portions of the West Fork River downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to the Monongahela River. The Monongahela River is a traditionally navigable water of the United States.

Mary Post

51. The Mary Post Site is located in Harrison County, WV. The Site is located adjacent to Cherry Camp Run and unnamed tributaries to Cherry Camp Run. Cherry Camp Run flows to Salem Fork, then to Tenmile Creek, then to West Fork River, and then to the Monongahela River. Wetlands are located adjacent to Cherry Camp Run and to the unnamed tributaries to Cherry Camp Run.

52. In late 2009 or early 2010, Defendant's predecessor began construction of a well pad and an associated impoundment at the Mary Post Site. On December 1, 2010, Defendant acquired the Mary Post Site. In the course of construction and operation of the well pad, Defendant, persons acting on behalf of Defendant, and/or Defendant's predecessor discharged dredged or fill material into Cherry Camp Run, the unnamed tributaries to Cherry Camp Run,

and wetlands adjacent to the unnamed tributaries to Cherry Camp Run. These discharges impacted approximately 1,038 linear feet of stream and 0.5 acres of wetlands.

53. Cherry Camp Run and the unnamed tributaries to Cherry Camp Run have a significant nexus to and/or are relatively permanent waters that flow to the Salem Fork, then to Tenmile Creek, and then to West Fork River and other downstream waters, including the Monongahela River. The impacted wetlands are adjacent to, in that they have a continuous surface connection with, and/or have a significant nexus to those tributaries and to other downstream waters, including, but not limited to, the West Fork River and the Monongahela River. Portions of Tenmile Creek downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to the West Fork River. Portions of the West Fork River downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to the Monongahela River. The Monongahela River is a traditionally navigable water of the United States.

Hurst Site

54. The Hurst Site is located in Harrison County, WV. The Site is located adjacent to Isaacs Creek and its unnamed tributaries. Isaacs Creek flows to West Fork River and then to the Monongahela River. Wetlands are located adjacent to Isaacs Creek.

55. In or about April 2011, Defendant or persons acting on behalf of Defendant began construction of the Tichenal Compressor Station pad at the Hurst Site, as well as realignment and improvements to an existing access road to the Hurst Site. In the course of construction, Defendant or persons acting on behalf of Defendant discharged dredged or fill material into Isaacs Creek, the unnamed tributaries to Isaacs Creek, and the wetlands adjacent to those

tributaries. Defendant's discharges impacted approximately 1,458 linear feet of stream and 0.356 acres of wetlands.

56. Isaacs Creek and the unnamed tributaries to Isaacs Creek have a significant nexus to and/or are relatively permanent waters that flow to the West Fork River and other downstream waters, including the Monongahela River. The impacted wetlands are adjacent to, in that they have a continuous surface connection with, and/or have a significant nexus to Isaacs Creek and to other downstream waters, including the West Fork River and the Monongahela River. Portions of the West Fork River downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to the Monongahela River. The Monongahela River is a traditionally navigable water of the United States.

Rossco Site

57. The Rossco Site is located in Harrison County, WV. The Site is located adjacent to an unnamed tributary to Katy Lick Run. Katy Lick Run flows to Tenmile Creek, then to West Fork River, and then to the Monongahela River. Wetlands are located adjacent to the unnamed tributary to Katy Lick Run.

58. In or about September 2010, Defendant or persons acting on behalf of Defendant began construction of the well pad, frac pit, and pipeline at the Rossco Site. In the course of construction, Defendant or persons acting on behalf of Defendant discharged dredged or fill material into an unnamed tributary to Katy Lick Run and into wetlands adjacent to Katy Lick Run. Defendant's discharges impacted approximately 246 linear feet of stream and 0.079 acres of wetlands.

59. The unnamed tributary to Katy Lick Run has a significant nexus to and/or is a relatively permanent water that flows to Tenmile Creek, and then to the West Fork River and

other downstream waters, including the Monongahela River. The impacted wetlands are adjacent to, in that they have a continuous surface connection with, and/or have a significant nexus to those tributaries and to other downstream waters, including, but not limited to, the West Fork River and the Monongahela River. Portions of Tenmile Creek downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to the West Fork River. Portions of the West Fork River downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to the Monongahela River. The Monongahela River is a traditionally navigable water of the United States.

Brushy Fork Road

60. The Brushy Fork Road Site is located in Doddridge County, WV. The Site is located adjacent to Brushy Fork and its unnamed tributaries. Brushy Fork flows to Meathouse Fork, then to Middle Island Creek, and then to the Ohio River.

61. In or about 2012, Defendant or persons acting on behalf of Defendant began construction of road improvements at the Brushy Fork Road Site. In the course of construction, Defendant or persons acting on behalf of Defendant discharged dredged or fill material into an unnamed tributary to Brushy Fork. Defendant's discharges impacted approximately 65 linear feet of stream.

62. The unnamed tributary to Brushy Fork has a significant nexus to and/or is a relatively permanent water that flows to Meathouse Fork, Middle Island Creek, and other downstream waters, including the Ohio River. Portions of Middle Island Creek downstream from the discharges are traditionally navigable waters that have a continuous surface

hydrological connection to the Ohio River. The Ohio River is a traditionally navigable water of the United States.

Neva Ritter

63. The Neva Ritter Site is located in Harrison County and Doddridge County, WV. The Site is located adjacent to Buckeye Run and its unnamed tributaries. Buckeye Run flows to Buckeye Creek, then to Middle Island Creek, and then to the Ohio River.

64. In or about 2009, Defendant's predecessor began construction of a well pad and compressor station at the Neva Ritter Site, as well as improvements to an existing access road to the Neva Ritter Site. On December 1, 2010, Defendant acquired the Neva Ritter Site. In the course of construction, Defendant's predecessor, Defendant, and/or persons acting on behalf of Defendant discharged dredged or fill material into an unnamed tributary to Buckeye Run. Defendant's discharges impacted approximately 453 linear feet of stream.

65. The unnamed tributary to Buckeye Run has a significant nexus to and/or is a relatively permanent water that flows to Buckeye Creek and then to Middle Island Creek and other downstream waters, including the Ohio River. Portions of Middle Island Creek downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to the Ohio River. The Ohio River is a traditionally navigable water of the United States.

Bowyer Pad Access/County Road 32/6 Site

66. The Bowyer Pad Access/County Road 32/6 Site is located in Harrison County, WV. The Site is located adjacent to an unnamed tributary to Isaacs Creek. Isaacs Creek flows to the West Fork River and then to the Monongahela River.

67. In or about 2013, Defendant or persons acting on behalf of Defendant began construction on improvements to an existing access road at the Bowyer Pad Access/County Road 32/6 Site. In the course of construction, Defendant or persons acting on behalf of Defendant discharged dredged or fill material into an unnamed tributary to Isaacs Creek. Defendant's discharges impacted approximately 455 linear feet of stream.

68. The unnamed tributary to Isaacs Creek has a significant nexus to and is a relatively permanent water that flows to the West Fork River and other downstream waters, including the Monongahela River. Portions of the West Fork River downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to the Monongahela River. The Monongahela River is a traditionally navigable water of the United States.

Terry Snider Site

69. The Terry Snider Site is located in Tyler County, WV. The Site is located adjacent to McKim Creek and its unnamed tributaries. McKim Creek flows to Middle Island Creek and then to the Ohio River.

70. In April 2013, Defendant or persons acting on behalf of Defendant began construction of an access road and pad at the Terry Snider Site. Construction resulted in a construction-related slope failure or "slip." In the course of construction, Defendant or persons acting on behalf of Defendant discharged dredged or fill material into an unnamed tributary to McKim Creek. Defendant's discharges impacted approximately 3,164 linear feet of stream.

71. The unnamed tributary to McKim Creek has a significant nexus to and/or is a relatively permanent water that flows to the Middle Island Creek and other downstream waters, including the Ohio River. Portions of Middle Island Creek downstream from the discharges are

traditionally navigable waters that have a continuous surface hydrological connection to the Ohio River. The Ohio River is a traditionally navigable water of the United States.

Primm Pad Site

72. The Primm Pad Site is located in Doddridge County, WV. The Site is located adjacent to unnamed tributaries to Cabin Run. Cabin Run flows to the North Fork Hughes River, then to the Hughes River, then to the Little Kanawha River, and then to the Ohio River.

Wetlands are located adjacent to the unnamed tributaries to Cabin Run.

73. In or around 2013, Defendant or persons acting on behalf of Defendant began construction of culverts at the Primm Pad Site. In the course of construction and operation of the culverts, Defendant or persons acting on behalf of Defendant discharged dredged or fill material into the unnamed tributaries to Cabin Run and adjacent wetlands. These discharges impacted approximately 287 linear feet of stream and 0.009 acres of wetlands.

74. The unnamed tributaries to Cabin Run have a significant nexus to and/or are relatively permanent waters that flow to the North Fork Hughes River, then to the Hughes River, then to the Little Kanawha River and other downstream waters, including the Ohio River. The impacted wetlands are adjacent to, in that they have a continuous surface connection with, and/or have a significant nexus to those tributaries and to other downstream waters, including, but not limited to, the Little Kanawha River and the Ohio River. Portions of the Hughes River downstream from the discharges are navigable-in-fact waters that have a continuous surface hydrological connection to the Little Kanawha River. Portions of the Little Kanawha River downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to the Ohio River. The Ohio River is a traditionally navigable water of the United States.

Canton North Site¹

75. The Canton North Site is located in Doddridge County, WV. The Site is located adjacent to McElroy Creek and its unnamed tributary. McElroy Creek flows to Middle Island Creek and then to the Ohio River.

76. In 2014, Defendant or persons acting on behalf of Defendant began construction of a compressor station pad at the North Canton Site. In the course of construction, Defendant or persons acting on behalf of Defendant discharged dredged or fill material into an unnamed tributary to McElroy Creek. Defendant's discharges impacted approximately 607 linear feet of stream.

77. The unnamed tributary to McElroy Creek has a significant nexus to and/or is a relatively permanent water that flows to McElroy Creek, and then to Middle Island Creek and other downstream waters, including the Ohio River. Portions of Middle Island Creek downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to the Ohio River. The Ohio River is a traditionally navigable water of the United States.

Nash Site

78. The Nash Site is located in Doddridge County, WV. The Site is located adjacent to Jockeycamp Run and its unnamed tributaries. Jockeycamp Run flows to Middle Island Creek and then to the Ohio River.

79. In July 2013, Defendant or persons acting on behalf of Defendant began construction of an access road to a pad that resulted in a construction-related slope failure or "slip" at the Nash Site. In the course of construction, Defendant or persons acting on behalf of

¹ The Canton North Site is also known as the North Canton Compressor Station.

Defendant discharged dredged or fill material into unnamed tributaries to Jockeycamp Run.

Defendant's discharges impacted approximately 169 linear feet of stream.

80. The unnamed tributaries to Jockeycamp Run have a significant nexus to and/or are relatively permanent waters that flow to Jockeycamp Run and then to Middle Island Creek and other downstream waters, including the Ohio River. Portions of the Middle Island Creek downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to the Ohio River. The Ohio River is a traditionally navigable water of the United States.

Hamilton Site

81. The Hamilton Site is located in Doddridge County, WV. The Site is located adjacent to Little Flint Run and its unnamed tributaries. Little Flint Run flows to Flint Run, then to McElroy Creek, then to Middle Island Creek, and then to the Ohio River.

82. In 2013, Defendant or persons acting on behalf of Defendant began construction of an access road that resulted in multiple, extensive construction-related slope failures or "slips" that filled streams at the Hamilton Site. In the course of construction, Defendant or persons acting on behalf of Defendant discharged dredged or fill material into unnamed tributaries to Little Flint Run. Defendant's discharges impacted approximately 1,059 linear feet of stream.

83. Little Flint Run and the unnamed tributaries to Little Flint Run have a significant nexus to and/or are relatively permanent waters that flow to Flint Run, then to McElroy Creek, and then to Middle Island Creek and other downstream waters, including the Ohio River. Portions of Middle Island Creek downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to the Ohio River. The Ohio River is a traditionally navigable water of the United States.

Stewart Site

84. The Stewart Site is located in Doddridge County, WV. The Site is located adjacent to unnamed tributaries to Brushy Fork. Brushy Fork flows to Meathouse Fork, then to Middle Island Creek, and then to the Ohio River.

85. In the latter half of 2013, Defendant or persons acting on behalf of Defendant began construction of an access road that resulted in a construction-related slope failure or “slip” at the Stewart Site. In the course of construction, Defendant or persons acting on behalf of Defendant discharged dredged or fill material into unnamed tributaries to Brushy Fork. Defendant’s discharges impacted approximately 1,110 linear feet of stream.

86. The unnamed tributaries to Brushy Fork have a significant nexus to and/or are relatively permanent waters that flow to Brushy Fork, then to Meathouse Fork, and then to other downstream waters, including the Ohio River. Portions of Brushy Fork downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to Meathouse Fork. Portions of Middle Island Creek downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to the Ohio River. The Ohio River is a traditionally navigable water of the United States.

Audit Sites

87. As indicated by Defendant, during the approximate time period of 2009 to 2011, Defendant’s construction on well pads, compressor stations, pipelines, access roads, and impoundments resulted in discharge of dredged or fill material into tributaries at 14 sites in the West Fork River basin and at one site in the Middle Island Creek basin and wetlands adjacent to

those tributaries. These 15 sites are referred to as the “Audit Sites.” Defendant’s discharges impacted approximately 6,500 linear feet of stream and 0.972 acre of wetlands at the Audit Sites.

Middle West Fork River Watershed Audit Sites

88. In the Middle West Fork River Watershed, Defendant’s activities impacted the Audit Sites known as Davis 1, the Jarvisville Compressor Station, Lowe, and Sperry 2.

89. The Davis 1 Audit Site is located in Harrison County, WV. The Site is located adjacent to unnamed tributaries to the Right Fork Kincheloe Creek. Right Fork Kincheloe Creek flows to Kincheloe Creek, then to the West Fork River, and then to the Monongahela River.

90. The Jarvisville Compressor Station, Lowe, and the Sperry 2 Audit Sites are located in Harrison County, WV. The Lowe Site is located adjacent to Sycamore Creek and its unnamed tributaries. Jarvisville Compressor Station and the Sperry 2 Sites are located adjacent to unnamed tributaries to Sycamore Creek. Wetlands are located adjacent to the unnamed tributaries to Sycamore Creek. Sycamore Creek flows to West Fork River and then to the Monongahela River.

91. The impacted tributaries in the Middle West Fork River Watershed have a significant nexus to and/or are relatively permanent waters that flow to the West Fork River and other downstream waters, including the Monongahela River. The impacted wetlands are adjacent to, in that they have a continuous surface connection with, and/or have a significant nexus to those tributaries and to other downstream waters, including, but not limited to, the West Fork River and the Monongahela River. Portions of the West Fork River downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to the Monongahela River. The Monongahela River is a traditionally navigable water of the United States.

Lower West Fork River Watershed Audit Sites

92. In the Lower West Fork River Watershed, Defendant's activities impacted the Audit Sites known as Williams 9, Williams 10, Cunningham, Clarksburg Compressor Station, Five H, the Ike and Mike Compressor Station, Ross, and Morris.

93. The Williams 9 and Williams 10 Audit Sites are located in Harrison County, WV. The Sites are located adjacent to unnamed tributaries to Johnson Fork. Wetlands are located adjacent to the unnamed tributaries. Johnson Fork flows to Limestone Run, then to West Fork River, and then to the Monongahela River.

94. The Cunningham, Clarksburg Compressor Station, Five H, Ike and Mike Compressor Station, Ross, and Morris Audit Sites are located in Harrison County, WV. The Sites are located adjacent to unnamed tributaries to Limestone Run. Wetlands are located adjacent to the unnamed tributaries. Limestone Run flows to the West Fork River and then to the Monongahela River.

95. The impacted tributaries in the Lower West Fork River Watershed have a significant nexus to and/or are relatively permanent waters that flow to the West Fork River and other downstream waters, including the Monongahela River. The impacted wetlands are adjacent to, in that they have a continuous surface connection with, and/or have a significant nexus to those tributaries and to other downstream waters, including, but not limited to, the West Fork River and the Monongahela River. Portions of the West Fork River downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to the Monongahela River. The Monongahela River is a traditionally navigable water of the United States.

Tenmile Creek Watershed Audit Sites

96. In the Tenmile Creek Watershed, Defendant's activities impacted the Audit Sites known as Hustead and Moss West/East.

97. The Hustead Audit Site is located in Harrison County, WV. The Site is located adjacent to unnamed tributaries to Bear Track Run and Dog Run. Both Bear Track Run and Dog Run flow to Salem Fork, then to Tenmile Creek, then to the West Fork River, and then to the Monongahela River.

98. The Moss West/East Audit Site is located in Harrison County, WV. The Site is located adjacent to Gregory Run. Gregory Run flows to Tenmile Creek, then to the West Fork River, and then to the Monongahela River.

99. The impacted tributaries in the Tenmile Creek Watershed have a significant nexus to and/or are relatively permanent waters that flow to Tenmile Creek, and then to the West Fork River and other downstream waters, including the Monongahela River. The impacted wetlands are adjacent to, in that they have a continuous surface connection with, and/or have a significant nexus to those tributaries and to other downstream waters, including, but not limited to, the West Fork River and the Monongahela River. Portions of Tenmile Creek downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to the West Fork River. Portions of the West Fork River downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to the Monongahela River. The Monongahela River is a traditionally navigable water of the United States.

McElroy Creek Watershed

100. In the McElroy Creek Watershed, Defendant's activities impacted the Audit Site known as the Pike Fork Compressor Station.

101. The Pike Fork Compressor Station Audit Site is located in Doddridge County, WV. The Site is located adjacent to Pike Fork. Pike Fork flows to McElroy Creek. McElroy Creek flows to Middle Island Creek and then to the Ohio River. Wetlands are located adjacent to Pike Fork.

102. Pike Fork has a significant nexus to and/or is a relatively permanent water that flows to McElroy Creek and then to Middle Island Creek and other downstream waters, including the Ohio River. The impacted wetlands are adjacent to, in that they have a continuous surface connection with, and/or have a significant nexus to those tributaries and to other downstream waters, including, but not limited to, Middle Island Creek and the Ohio River. Portions of the Middle Island Creek downstream from the discharges are traditionally navigable waters that have a continuous surface hydrological connection to the Ohio River. The Ohio River is a traditionally navigable water of the United States.

103. As described in Paragraphs 36-102 above, Defendant and/or persons acting on its behalf discharged pollutants into a stream or streams that are tributaries to navigable-in-fact waters.

104. The streams identified in Paragraphs 36-102, either alone or in combination with similarly situated waters in the region, significantly affect the chemical, physical, and biological integrity of downstream waters including, but not limited to, Indian Run, Katy Lick Run, Gregory Run, Cherry Camp Run, Bear Track Run, Dog Run, Salem Fork, Tenmile Creek, Isaacs Creek, Sycamore Creek, Right Fork Kincheloe Creek, Kincheloe Creek, Crooked Run, Johnson

Fork, Limestone Run, the West Fork River, and the Monongahela River; Brushy Fork, Meathouse Fork, Jockeycamp Run, Flint Run, Little Flint Run, Pike Fork, Buckeye Run, Buckeye Creek, McKim Creek, McElroy Creek, Middle Island Creek, Cabin Run, the North Fork Hughes River, the Hughes River, the Little Kanawha River, and the Ohio River.

105. The streams identified in Paragraphs 36-102 constitute “waters of the United States” and “navigable waters” under Section 502(7) of the CWA, 33 U.S.C. § 1362(7), and constitute “waters of this state” within the meaning of the WPCA.

106. Defendant and/or persons acting on its behalf discharged pollutants into wetlands that are and were adjacent to the stream or streams described in Paragraphs 36-102.

107. The wetlands identified in Paragraphs 36-102 have and had a continuous surface connection to the stream or streams described in Paragraph 36-102.

108. The wetlands identified in Paragraphs 36-102, either alone or in combination with similarly situated lands in the region, significantly affect the chemical, physical, and biological integrity of downstream waters including, but not limited to, Indian Run, Katy Lick Run, Cherry Camp Run, Salem Fork, Tenmile Creek, Isaacs Creek, Sycamore Creek, Crooked Run, Johnson Fork, Limestone Run, the West Fork River, and the Monongahela River; Pike Fork, McElroy Creek, Middle Island Creek, Cabin Run, the North Fork Hughes River, the Hughes River, the Little Kanawha River, and the Ohio River.

109. The wetlands identified in Paragraphs 36-102 constitute “waters of the United States” and “navigable waters” under Section 502(7) of the CWA, 33 U.S.C. § 1362(7), and constitute “waters of this state” within the meaning of the WPCA.

110. Defendant failed to obtain a CWA Section 404 permit from the Secretary of the Army authorizing the discharge of dredged and/or fill material into “waters of the United States”

at the Sites and failed to obtain authorization from the State for such discharges, in connection with the work described above.

CLAIM FOR RELIEF

111. Plaintiffs re-allege Paragraphs 1 through 110 and incorporate those allegations by reference.

112. Defendant is a “person” within the meaning of Section 502(5) of the CWA, 33 U.S.C. § 1362(5), and Section 3(14) of the WPCA, W. Va. Code § 22-11-3(14).

113. Through the activities described above, Defendant and/or persons acting on its behalf discharged dredged or fill material into waters of the United States and of the State.

114. The dredged or fill material discharged includes, among other things, dirt, rock and sand, all of which constitute “pollutants” as defined in Section 502(6) of the CWA, 33 U.S.C. § 1362(6), and Sections 3(12) and 3(16) of the WPCA, W. Va. Code §§ 22-11-3(12), (16).

115. At the Sites, Defendant and/or persons acting on its behalf used mechanized land-clearing and earth-moving equipment that resulted in the discharges. This equipment constitutes “point source[s]” as defined in Section 502(14) of the CWA, 33 U.S.C. § 1362(14), and in Section 3(15) of the WPCA, W. Va. Code § 22-11-3(15).

116. Defendant has discharged pollutants from various point sources into streams, rivers and other waters of the United States, within the meaning of Section 502(7) of the CWA, 33 U.S.C. § 1362(7), and within the meaning of the federal regulations implementing the CWA at 40 C.F.R. §§ 122.2, 232.2. Defendant has also discharged pollutants from various point sources into waters of the State within the meaning of W. Va. Code § 22-11-3(23).

117. Defendant did not obtain a permit from the Secretary of the Army, acting through the Chief of Engineers, for the discharges of dredged and/or fill material into waters of the United States, as required by Sections 301(a) and 404 of the CWA, 33 U.S.C. §§ 1311(a), 1344. In addition, Defendant discharged pollutants into waters of the State without authorization from the State and in violation of the WPCA and its implementing regulations.

118. Defendant has violated and continues to violate CWA Section 301(a), 33 U.S.C. § 1311(a), and the WPCA, by its unauthorized discharges of pollutants, specifically dredged and/or fill material, into waters of the United States and waters of the State at the Sites.

119. Each Site at which such material was discharged into waters of the United States or waters of the State constitutes a separate violation, and each day that such material remains in place constitutes a separate violation of CWA Section 301(a), 33 U.S.C. § 1311(a), and the WPCA.

120. Under CWA Sections 309(b) and (d), 33 U.S.C. §§ 1319(b) & (d), and the Federal Civil Penalties Inflation Adjustment Act of 1990, 28 U.S.C. § 2461 note, as amended by the Debt Collection Improvement Act of 1996, 31 U.S.C. § 3701 note, 69 Fed. Reg. 7121 (Feb. 13, 2004), 74 Fed. Reg. 626 (Jan. 7, 2009), 81 Fed. Reg. 43,091 (July 1, 2016), 82 Fed. Reg. 3633 (Jan. 12, 2017), and by the Federal Civil Penalties Inflation Adjustment Act Improvements Act of 2015 (28 U.S.C. § 2461 note; Bipartisan Budget Act of 2015, Pub. L. No. 114-74, § 701, 129 Stat 584, 599-601 (2015)), 40 C.F.R. Part 19, Defendant is liable for a civil penalty, adjusted for inflation, of up to \$32,500 per day for each violation of Section 301(a) of the CWA, 33 U.S.C. § 1311(a) occurring between March 15, 2004, and January 12, 2009; up to \$37,500 per day for each violation occurring after January 12, 2009, and through November 2, 2015; up to \$51,570 per day for each violation occurring after November 2, 2015, and through January 15, 2017; and

up to \$52,414 per day for each violation occurring after January 15, 2017, pursuant to CWA Section 309(d), 33 U.S.C. § 1319(d), and 40 C.F.R. § 19.4. Under Section 22 of the WPCA, W. Va. Code § 22-11-22, Defendant is liable for a civil penalty of up to \$25,000 per day for each violation of the WPCA.

121. Unless enjoined, Defendant's discharges are likely to continue to remain in waters of the United States and the State at the Sites, in violation of Section 301 of the CWA, 33 U.S.C. § 1311, and the WPCA.

PRAYER FOR RELIEF

WHEREFORE, Plaintiffs, the United States of America and the State of West Virginia, respectfully request that this Court order the following relief:

I. That the Defendant be permanently enjoined from discharging pollutants into any waters of the United States or waters of the State except as expressly authorized by the CWA and the WPCA;

II. That the Defendant be enjoined to undertake measures, at Defendant's own expense and at the direction of EPA and/or WVDEP, to effect complete restoration of the waters of the United States and waters of the State at the Sites and/or to conduct off-site mitigation for irreversible environmental damage and/or temporal losses of aquatic resources, as appropriate;

III. That the Defendant be assessed civil penalties for each day of each violation at the Sites, pursuant to Section 309(d) of the CWA, 33 U.S.C. § 1319(d), for Defendant's violations of CWA Section 301(a), and pursuant to Section 22 of the WPCA, W. Va. Code § 22-11-22, for Defendant's violations of the WPCA;

IV. That the United States and the State be awarded costs and disbursements in this action; and

V. That this Court grant such other relief as the Court may deem just and proper.

Dated: February 11, 2019

Respectfully submitted,

FOR THE UNITED STATES OF AMERICA:

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**IN THE UNITED STATES DISTRICT COURT
FOR THE NORTHERN DISTRICT OF WEST VIRGINIA
CLARKSBURG DIVISION**

)	
UNITED STATES OF AMERICA and)	
THE STATE OF WEST VIRGINIA by)	
and through THE WEST VIRGINIA)	
DEPARTMENT OF ENVIRONMENTAL)	
PROTECTION,)	
)	
Plaintiffs,)	
)	
v.)	Civil Action No. //
)	
ANTERO RESOURCES CORPORATION,)	
)	
Defendant.)	
)	

CONSENT DECREE

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WHEREAS, Plaintiffs, the United States of America, on behalf of the United States Environmental Protection Agency (“EPA”), and the State of West Virginia (“the State”) by and through the West Virginia Department of Environmental Protection (“WVDEP”), have filed a Complaint in this action concurrently with this Consent Decree against Defendant, Antero Resources Corporation, formerly known as Antero Resources Appalachian Corporation (“Antero”), alleging that Defendant violated Sections 301(a) of the Clean Water Act (“CWA”), 33 U.S.C. §§ 1311(a), and the West Virginia Water Pollution Control Act (“WPCA”), W. Va. Code Chapter 22, Article 11, *et seq.*;

WHEREAS, the Complaint alleges that Defendant violated CWA Section 301(a) and the West Virginia WPCA, W. Va. Code Chapter 22, Article 11, *et seq.*, by discharging pollutants, including dredged and/or fill material, and/or controlling and directing the discharge of pollutants, including dredged and/or fill material, into waters of the United States and waters of the State, without authorization, at various locations in West Virginia, as identified and described in the Complaint (the “Sites”);

WHEREAS, as a result of Defendant’s investigation, certain Sites addressed by the Complaint were disclosed by Defendant to Plaintiffs as locations where potential violations of CWA Section 301(a) and the West Virginia WPCA may have occurred, and Plaintiffs subsequently allege that violations occurred at these sites;

WHEREAS, as part of its cooperation, Defendant prepared and presented to Plaintiffs its analyses of impacts of various well pads, ponds, and associated access roads in West Virginia, owned or controlled by Defendant, including the disclosed locations, and provided Plaintiffs an opportunity to visit the locations to further access such analyses;

WHEREAS, Defendant has responded to Requests for Information issued by EPA on April 14, 2011, and May 23, 2011;

WHEREAS, Defendant has worked cooperatively to comply with Administrative Orders issued by EPA regarding certain of the Sites identified in Appendix A;

WHEREAS, Plaintiffs, as stated in the Complaint seek: (1) to enjoin the discharge of pollutants, including dredged and/or fill material, into any waters of the United States except in compliance with the CWA Section 301(a), 33 U.S.C. § 1311(a), and the West Virginia WPCA, W. Va. Code Chapter 22, Article 11, *et seq.*; (2) to require Defendant, at its own expense and at the direction of the EPA, WVDEP, and/or the U.S. Army Corps of Engineers (“Corps”), to effect complete restoration and/or mitigation of waters of the United States, including wetlands, at the above-named Sites and/or to conduct off-site mitigation for environmental damage; and (3) to require Defendant to pay civil penalties, as provided in 33 U.S.C. §§ 1319(d) and 1321(b)(7)(A), and W. Va. Code § 22-11-22;

WHEREAS, this Consent Decree is intended to constitute a complete and final settlement of the United States’ civil claims under the CWA as alleged in the Complaint regarding the Sites, and the State’s civil claims under the West Virginia WPCA, W. Va. Code Chapter 22, Article 11, as alleged in the Complaint regarding the Sites;

WHEREAS, Plaintiffs and Defendant agree that settlement of this case is in the public interest and that entry of this Consent Decree is the most appropriate means of resolving the claims against Defendant in this case; and

WHEREAS, the parties recognize, and the Court by entering this Consent Decree finds, that this Consent Decree has been negotiated by the Parties in good faith, will avoid litigation, and is a reasonable and fair settlement of Plaintiffs’ claims against Defendant, and that this

Consent Decree adequately protects the public interest in accordance with the CWA and the West Virginia WPCA;

THEREFORE, before the taking of any testimony upon the pleadings, without further adjudication of any issue of fact or law, and upon consent of the parties hereto by their authorized representatives, it is hereby ORDERED, ADJUDGED, and DECREED as follows:

DEFINITIONS

Terms used in this Consent Decree that are defined in the CWA, the West Virginia WPCA or in regulations promulgated pursuant to the CWA or the West Virginia WPCA shall have the meanings assigned to them in the statute or such regulations, unless otherwise provided in this Consent Decree. Whenever the terms set forth below are used in this Consent Decree, the following definitions shall apply.

“Fair Market Value” means the difference between the relevant property value (a) before the restriction to be imposed pursuant to this Consent Decree is placed, and (b) as if the restriction to be imposed pursuant this Consent Decree is in place as of a current date. Such difference in value shall be determined by an appraisal that complies with the Uniform Appraisal Standards for Federal Land Acquisition (UASFLA or Yellow Book) and is performed by an appraiser who (a) is a State Certified General Real Property Appraiser, (b) is in good standing with the licensing authority where the credential was issued, (c) has demonstrated competency in compliance with UASFLA in conducting appraisals of properties with and without the restriction of the type to be imposed pursuant to this Consent Decree, (d) can provide documentation of appraisal education courses attended including course completion for the restriction to be imposed pursuant to this Consent Decree, and (e) has been approved by EPA, in consultation with the State, in writing. If EPA, in consultation with the State, does not object to the proposed

appraiser within 60 days following notification of the selection of the proposed appraiser, the proposed appraiser shall be approved for the purpose of performing the appraisal. After approval, EPA reserves the right to seek replacement of the appraiser for good cause.

“Impoundment” means a man-made excavation or diked area for the retention of fluids and excludes permitted stormwater management facilities.

“Limits of Disturbance” means the outermost boundary of the area planned to be disturbed by construction, material storage, grading, grubbing, or landscaping as indicated by the design plan submitted to the State in an application to obtain a permit to construct.

“OG Facilities” or “OG Facility” shall mean any of the Defendant’s operations located in West Virginia involved in the physical exploration and extraction of oil and/or gas, including, but not limited to wells, well pads, access roads, surface impoundments, pipelines, and compressor stations.

“Qualified Wetlands Professional” means an individual trained to identify potential aquatic resources by education and experience. A Qualified Wetlands Professional shall include one who has obtained a four-year degree in a wetland-related field, has completed at least a basic delineation training course (minimum of 24 hours of course time) in wetland science offered by professional trade associations, societies, government agencies or universities, and has been trained in implementation of the 1987 Corps Wetlands Manual and Regional Supplements.

“Sites” means all of the locations where the Complaint filed with this Consent Decree alleges violations of the CWA and/or the West Virginia WPCA, as listed and fully described in Appendix A.

I. JURISDICTION AND VENUE

1. This Court has jurisdiction over the subject matter of this action and over the parties pursuant to 28 U.S.C. §§ 1331, 1345, 1355, and 1367. For purposes of this Consent Decree, or any action to enforce or interpret this Consent Decree, Defendant consents to the Court's jurisdiction over Defendant, this Consent Decree, and any action to enforce or interpret this Consent Decree.
2. Venue is proper in the Northern District of West Virginia pursuant to CWA Sections 309(b), 33 U.S.C. §§ 1319(b), and 28 U.S.C. §§ 1391(b) and (c) and 1395(a), because the violations alleged in the Complaint are alleged to have occurred in this District, the Sites that are the subject of the Complaint are located in this District, and Defendant conducts business in this District.
3. The Complaint states claims upon which relief can be granted pursuant to Sections 301, 309, and 404 of the CWA, 33 U.S.C. §§ 1311, 1319, and 1344, and Sections 8 and 22 of the West Virginia WPCA, W. Va. Code §§ 22-11-8 and 22-11-22.

II. APPLICABILITY

4. The obligations arising from this Consent Decree shall apply to and be binding upon Defendant, each of its officers, directors, agents, employees, servants, successors and assigns and any person, firm, association, partnership or corporation who is, or will be, acting in concert or participation with Defendant, whether or not such person or entity has notice of this Consent Decree.
5. In any action to enforce this Consent Decree against Defendant, Defendant shall not raise as a defense the failure of any of its officers, directors, agents, employees, representatives, servants, and their successors and assigns or any person, firm,

association, partnership or corporation (including, but not limited to, contractors of Defendant), acting in concert or participation with Defendant, to take any actions necessary to comply with the provisions hereof, nor shall Defendant alter its corporate structure or enter into any agreement with third parties for the purpose of directly or indirectly circumventing the requirements of this Consent Decree.

6. The transfer of ownership, operation, or other interest in the Sites, or, if applicable, any additional locations used for mitigation or preservation pursuant to Section V of this Consent Decree, shall not alter or relieve Defendant of its obligation to comply with all of the terms of this Consent Decree. At least 30 days prior to the transfer of ownership or other interest in any of the Sites, or any additional locations used for mitigation or preservation pursuant to Section V of this Consent Decree, Defendant shall provide written notice and a true copy of this Consent Decree to each successor in interest to such Sites and shall simultaneously notify the United States Department of Justice, EPA, the Corps, the State, and the United States Attorney for the Northern District of West Virginia at the addresses specified in Section XII, below (Notices and Submissions), that such notice has been given. As a condition to any such transfer, Defendant shall expressly reserve all rights necessary to comply with the terms of this Consent Decree. Nothing herein, however, shall be deemed to preclude a new owner of a Site or of any additional locations used for mitigation or preservation pursuant to Section V of this Consent Decree from completing the tasks set forth in this Consent Decree, provided, however, that Defendant shall remain obligated for performance of the tasks set forth in this Consent Decree. Any attempt to transfer ownership or operation of any of the Sites, or of any additional locations used for mitigation or preservation pursuant to Section V of

this Consent Decree, without complying with this Paragraph, constitutes a violation of this Consent Decree.

III. SCOPE AND EFFECT OF CONSENT DECREE

7. This Consent Decree shall constitute a complete and final settlement of all civil claims for injunctive relief and penalties alleged in the Complaint against Defendant with regard to the Sites under Section 301 of the CWA, and under the West Virginia WPCA, W. Va. Code Chapter 22, Article 11, Section 1, *et seq.*
8. It is the express purpose of the parties in entering into this Consent Decree to further the objectives set forth in CWA Section 101, 33 U.S.C. §§ 1251, *et seq.*, and West Virginia WPCA, W. Va. Code Chapter 22, Article 11, Section 1, *et seq.* All plans, studies, construction, remedial maintenance, monitoring programs, compliance programs, and any other obligations arising under this Consent Decree or resulting from the activities required by this Consent Decree shall have the objective of causing Defendant to achieve and maintain compliance with, and to further the purposes of, the CWA and the West Virginia WPCA.
9. This Consent Decree in no way affects or relieves Defendant of its responsibility to comply with any applicable federal, state, or local law, regulation, or permit.
10. This Consent Decree is not and shall not be interpreted to be a permit or modification of any existing permit issued pursuant to Sections 402 or 404 of the CWA, 33 U.S.C. §§ 1342 or 1344, or any other law. Nothing in the Consent Decree shall limit the ability of the Corps to issue, modify, suspend, revoke, or deny any individual permit or nationwide or regional permit, nor shall this Consent Decree limit EPA's ability to exercise its authority pursuant to Section 404(c) of the CWA, 33 U.S.C. § 1344(c).

11. The parties acknowledge that Nationwide Permit 32 (“NWP 32”), found at 82 Fed. Reg. 1,860 (Jan. 6, 2017), authorizes any fill to remain in place in the areas identified in the Restoration Plans approved pursuant to Appendix B, subject to the conditions provided in NWP 32, any State conditions on the use of NWP 32 (including, where applicable, West Virginia’s Standard Conditions for CWA Section 401 certification of NWP 32), and this Consent Decree. The parties further acknowledge that NWP 32 authorizes the discharge of dredged or fill material insofar as such discharge is necessary to complete the work required to be performed pursuant to this Consent Decree. Any such discharge of dredged or fill material necessary for work required by this Consent Decree shall be subject to the conditions of NWP 32, any State conditions on the use of NWP 32, including, where applicable, West Virginia’s Standard Conditions for CWA Section 401 certification of NWP 32, and this Consent Decree.
12. The United States and the State reserve any and all legal and equitable remedies available to them to enforce the provisions of this Consent Decree and applicable law. This Consent Decree shall not be construed to limit the rights of the United States or the State to obtain penalties or injunctive relief under the CWA or implementing regulations, or under other federal or state laws, regulations, or permit conditions, except as expressly specified in Paragraph 7. The United States and the State further reserve all legal and equitable remedies to address any imminent and substantial endangerment to the public health or welfare or the environment arising at, or posed by, any of Defendant’s operations, whether related to the violations addressed in this Consent Decree or otherwise.
13. Nothing in this Consent Decree shall constitute an admission of fact or law by any party.

14. In any subsequent administrative or judicial proceeding initiated by the United States or the State for injunctive relief, civil penalties, or other appropriate relief relating to Defendant, Defendant shall not assert, and may not maintain, any defense or claim based upon the principles of waiver, res judicata, collateral estoppel, issue preclusion, claim preclusion, claim-splitting, or other defenses based upon any contention that the claims raised by the United States or the State in the subsequent proceeding were or should have been brought in the instant case, except with respect to claims that have been specifically resolved as specified in Paragraph 7 of this Consent Decree.
15. This Consent Decree shall not be construed to create rights in, or grant any cause of action to, any third party not party to this Consent Decree.

IV. CIVIL PENALTY

16. Defendant shall pay the sum of \$ 3,150,000, 50 percent to the United States and 50 percent to the State, within 30 days of the entry of this Consent Decree.
17. Defendant shall make payment to the United States, as required by Paragraph 16, above, by FedWire Electronic Funds Transfer (“EFT” or wire transfer) to the U.S. Department of Justice in accordance with electronic funds transfer procedures, referencing U.S.A.O. file number (_____), EPA Region III, and DOJ case number 90-5-1-1-19240. Any payments received by the Department of Justice after 4:00 P.M. (Eastern Time) will be credited on the next business day.
18. At the time of payment, Defendant shall send by mail a copy of the EFT authorization form and the EFT transaction record, together with a transmittal letter, which shall state the payment is for the civil penalty owed pursuant to the Consent Decree in *U.S., et al. v. Antero Resources Corporation*, and shall reference DOJ case number 90-5-1-1-19240, to

the Department of Justice and EPA at the addresses set forth in Section XII of this Consent Decree (Notices and Submissions). Defendant shall also send a copy of the EFT form, transaction record, and transmittal letter by email to acctsreceivable.CINWD@epa.gov, and by mail to:

EPA Cincinnati Finance Office
26 Martin Luther King Drive
Cincinnati, OH 45268

19. Defendant shall make payment to the State, as required by Paragraph 16, above, by certified or cashier's check to WVDEP to be equally deposited in the WVDEP's Water Quality Management Fund. The payment shall be mailed to:

Chief Inspector
Environmental Enforcement
West Virginia Department of Environmental Protection
601 57th Street, SE
Charleston, WV 25304

20. Defendant shall not deduct any penalties paid under this Consent Decree pursuant to this Section or Section VIII ("Stipulated Penalties") in calculating its federal, state or local income tax. For purposes of the identification requirement of Section 162(f)(2)(A)(ii) of the Internal Revenue Code, 26 U.S.C. § 162(f)(2)(A)(ii), performance of Sections V (Restoration, Mitigation and Preservation), VI (Compliance Assurance Program), VII (Reporting Requirements), and IX (Retention of Records) is restitution or required to come into compliance with the law.

V. RESTORATION, MITIGATION, AND PRESERVATION

21. Defendant shall submit delineation reports, and shall perform restoration and mitigation projects, under the terms and conditions stated in Appendix B, "Work Plans and Specifications for Restoration and Mitigation Projects," appended hereto and

incorporated herein by reference.

22. Upon completion of the restoration and mitigation projects for those Sites set forth in Appendix A and required by Paragraph 21 under the terms and conditions of Appendix B, Defendant shall not mow, cut, clear, cultivate, dredge, excavate, farm, fill, dewater, drain, or otherwise disturb in any manner whatsoever any location where restoration or mitigation of aquatic resources has occurred pursuant to Appendix B, except as approved by EPA (in consultation with the Corps) and the State in writing.
23. To ensure that all parcels of land identified in Appendix B remain undisturbed, and within 180 days of entry of this Consent Decree, or within 180 days of EPA's approval of each Restoration Plan required under Appendix B, whichever is later, or by another date agreed upon in writing by the United States, the State, and Defendant, Defendant shall:
 - a. For all parcels of land in Appendix B that Defendant holds in fee simple, record (or deliver to the grantee for recording) a conservation easement ("Conservation Easement(s)") with the Recorder of Deeds Office for the County in which the Conservation Easement is located. Each Conservation Easement shall: comply with West Virginia's Conservation Easement Act, W. Va. Code Chapter 20, Article 12; identify EPA, the Corps, and WVDEP as third-party beneficiaries; and be substantially similar to the sample attached in Appendix C. The Conservation Easements must be granted to a "holder" satisfying the definition set forth at W. Va. Code Section 20-12-3(b) agreed to by EPA (in consultation with the Corps) and by WVDEP (in consultation with the West Virginia Department of Natural Resources). In the event that Defendant cannot secure a Conservation Easement and documents a good faith attempt to secure a Conservation Easement consistent with Paragraph 23(c)(ii), then for all Sites that

Defendant holds in fee simple Defendant shall: (1) record deed restrictions (“Deed Restrictions”) substantially similar to the sample attached as Appendix D; (2) ensure that each Deed Restriction provides that each deed, title, or other instrument conveying an interest in the subject parcel shall contain a notice stating that the property is subject to this Consent Decree; and (3) ensure that each Deed Restriction shall reference the recorded location of the Consent Decree and any restrictions applicable to the property under this Consent Decree. Upon recording of each Conservation Easement (or upon delivery to the grantee for recording) or Deed Restrictions, Defendant shall give notice to the United States, EPA and the State of such recording at the addresses in Section XII (“Notices and Submissions”).

b. For all parcels of land identified in Appendix B that Defendant does not hold in fee simple, make a good faith attempt to secure a conservation easement in the same form and manner as described in Paragraph 23(a) of this Consent Decree. In the event that a Conservation Easement is not secured for any parcel of land identified in Appendix B after Defendant has made and documented a good faith attempt to secure one consistent with Paragraph 23(c)(i) or (ii), Defendant shall make a good faith attempt to secure deed restrictions (“Deed Restrictions”) for the subject parcel. The Deed Restrictions for each parcel shall be recorded with the Recorder of Deeds Office in the County in which the subject parcel is located. The Deed Restrictions shall be: (1) substantially similar to the sample attached as Appendix D; and (2) shall provide that each deed, title or other instrument conveying an interest in the subject parcel shall contain a notice stating that the property is subject to this Consent Decree and shall reference the recorded location of the Consent Decree and any restrictions applicable to

the property under this Consent Decree. Upon recording the Deed Restrictions for each parcel, Defendant shall give notice to the United States, EPA and the State at the addresses in Section XII (“Notices and Submissions”).

c. For the purposes of this Paragraph 23:

(i) Defendant makes and documents a good faith attempt to secure a Conservation Easement or Deed Restrictions by presenting the owner of the fee simple interest with a certified letter, copied to EPA, the Department of Justice, the Corps, and the State at the addresses set forth in Section XIII below, setting forth an offer to purchase or otherwise obtain the Conservation Easement or Deed Restrictions for a price reflecting at least the Fair Market Value for the Conservation Easement or Deed Restrictions. Nothing in this Paragraph shall foreclose Defendant from negotiating with the property owner or offering a price that is less than the Fair Market Value, provided, if such offer is not accepted, that Defendant ultimately offers a price that reflects Fair Market Value.

(ii) Defendant may also document a good faith attempt to secure by presenting a letter to EPA, the Department of Justice, the Corps, and the State at the addresses set forth in Section XIII below, setting forth Defendant’s efforts to secure a holder, as defined in Paragraph 23(a), and documenting that such efforts have been unsuccessful. Defendant may submit a single letter documenting its efforts to secure a holder that applies to multiple Sites and need not submit separate letters for each Site, provided that Defendant documents that its efforts to secure a holder apply to all or multiple Sites based upon common site characteristics (such as size, etc.).

- d. In the event that Defendant is unable to secure a Conservation Easement or Deed Restriction, after documenting a good faith attempt pursuant to Paragraph 23(c), then Defendant shall, as directed by EPA (in consultation with WVDEP and the Corps), provide additional compensatory mitigation (as calculated by the West Virginia Stream and Wetland Valuation Metric 2.1 (“WVSWVM”) applicable at the time Defendant requires such additional compensatory mitigation) to off-set the loss of permanent protection for the subject parcel or parcels. Such compensatory mitigation shall be consistent with applicable EPA and Corps regulations and guidance.
24. If any Conservation Easement or Deed Restrictions described in Paragraph 23 is found to be defective or unlawful according to applicable law at any time, the United States and/or the State may: (1) enforce the Consent Decree against Defendant, or its successors or assigns, to obtain the granting of a Conservation Easement or Deed Restrictions for the subject parcel that complies with applicable law; and/or (2) require additional compensatory mitigation, as provided above in Paragraph 23(d), to off-set the loss of permanent protection of the specific site for which the Conservation Easement or Deed Restriction was found to be defective or unlawful.
25. Defendant shall within 120 days after the entry of this Consent Decree or 120 days after approval of Bear Knob restoration plan, place or ensure the placement of a Conservation Easement on the property identified in Appendix E. In accordance with the terms of Appendix E, Defendant shall perform on-site mitigation at that property. Credits generated from such mitigation shall be available as compensatory mitigation under Paragraph 23(d) and to offset mitigation requirements at Sites as set forth herein in Exhibit A to Appendix E.

VI. COMPLIANCE ASSURANCE PROGRAM

26. Training.

a. Within 30 days after entry of this Consent Decree, Defendant shall develop a training program to ensure compliance with the CWA and the West Virginia WPCA with respect to the discharge of dredged and/or fill material and to ensure implementation of the Compliance Protocol set forth in this Consent Decree at Defendant's OG Facilities. The training program shall be provided to Defendant's employees whose responsibilities include the design and construction of Defendant's OG Facilities and to all employees responsible for the direct supervision of construction of Defendant's OG Facilities, to ensure that they are aware of the measures necessary to ensure compliance with Sections 301 and 404 of the CWA and the West Virginia WPCA, and to ensure implementation of the Compliance Protocol set forth in this Consent Decree. The Defendant shall require construction contractors responsible for the direct supervision of construction of OG facilities to provide to its similar employees training equivalent to that provided by Antero to its employees as set forth above in this paragraph and further require that contractors provide to Antero certification/documentation that it has provided such equivalent training.

b. In its reporting pursuant to Paragraph 32 of this Consent Decree, Defendant shall provide a listing of each employee who has received training under this Paragraph 26 during the relevant reporting period and provide certification/documentation provided by its contractors of equivalent training.

27. List of Facilities. Within 30 days after entry of this Consent Decree, Defendant shall establish, provide to EPA, the Corps, and the State at the addresses set forth in Section

XIII, and maintain for the duration of the Consent Decree a list of its OG Facilities. The list of OG Facilities required by this Paragraph shall identify the location (latitude/longitude, nearest town, county) of each OG Facility, the type of operation (well pad, pipeline, access road, etc.), and the nearest receiving stream or other aquatic resource. Defendant shall update the list quarterly to include new OG Facilities as they are established until the termination of this Consent Decree. The list shall be maintained at Defendant's offices in Denver, Colorado, and shall be made available immediately upon request to authorized representatives of EPA, the State, and the Corps. If Defendant asserts that all or portions of such list include Confidential Business Information ("CBI"), EPA, the Corps, and the State will follow their existing procedures for handling CBI. *See, e.g.*, 40 C.F.R. §§ 2.201-2.215 & 2.302; 32 C.F.R. §§ 286.12(d), 518.13(d); W. Va. Code § 29B-1-4, and WVDEP Communication Policy #10 (Information Requests).

28. Designation of Compliance Representatives.

a. Within 60 days after entry of this Consent Decree, Defendant shall designate one Regional Compliance Representative ("RCR") with responsibility for oversight of all activities that involve or may involve discharges of dredged or fill material into waters of the United States for Defendant's OG Facilities. The RCR must:

- (i) be an employee of Defendant;
- (ii) complete the training described in Paragraph 26 above no later than 30 days after the implementation of that training program, or prior to appointment as an RCR pursuant to this Paragraph;

(iii) serve as Defendant's primary point of contact for EPA, the Corps, and WVDEP with respect to matters involving Defendant's compliance with the CWA and, the West Virginia WPCA;

(iv) serve as coordinator and primary point of contact as between the individual Facility Compliance Representatives and EPA, the Corps and WVDEP;

(v) be authorized by Defendant and have the responsibility to supervise the actions of the Facility Compliance Representatives, as described in subparagraph (b) of this Paragraph, below, and all work necessary to meet the requirements of the CWA and the West Virginia WPCA;

(vi) be authorized by Defendant to direct employees, contractors, sub-contractors, consultants, and other agents to take appropriate actions to ensure compliance, and address any failure to comply, with the CWA and the West Virginia WPCA; and

(vii) be responsible for providing and maintaining the list of OG Facilities described in Paragraph 27, above.

b. Within 60 days after entry of this Consent Decree, Defendant shall designate at least one Facility Compliance Representative ("FCR") for each OG Facility. Defendant may designate the same FCR for a number of OG Facilities covered by this subparagraph. The FCR must fulfill all of the responsibilities and requirements set forth below, for each of the sites for which that individual has been designated as the FCR. Each FCR shall:

(i) be an employee or third-party contractor of Defendant;

(ii) complete the training described in Paragraph 26 above no later than 30 days after the implementation of that training program, or prior to appointment as an FCR pursuant to this Paragraph;

(iii) serve as Defendant's secondary point of contact for EPA, the Corps, and WVDEP with respect to matters involving Defendant's compliance with the CWA, this Consent Decree, and, for operations within West Virginia, compliance with the West Virginia WPCA, at each OG Facility for which the FCR has been designated;

(iv) be authorized by Defendant and have the responsibility to supervise all work necessary to meet the requirements of the CWA, this Consent Decree, and the West Virginia WPCA, at each OG Facility for which the FCR has been designated, including work performed by contractors, sub-contractors, and consultants;

(v) be authorized by Defendant and have the responsibility to direct employees, contractors, sub-contractors, consultants, and other agents to take appropriate actions to ensure compliance, and address any failure to comply, with the CWA, this Consent Decree, and the West Virginia WPCA at each OG Facility for which the FCR has been designated;

(vi) report to the RCR regarding compliance with the CWA, this Consent Decree, and the West Virginia WPCA, with respect to each OG Facility for which the FCR has been designated; and

(vii) ensure that operations at each OG Facility for which the FCR has been designated are consistent with the Compliance Protocol described in Paragraph 29 below.

c. The RCR, FCR, or a designee shall be responsible for acknowledging in writing the receipt of any concerns and/or questions received by the RCR and FCR from the Plaintiffs related to this Consent Decree in writing within three business days of receipt. The RCR or its designee, within six business days of the acknowledgement of receipt, shall provide Plaintiffs with a written description of the proposed resolution of or response to the concern or question, if possible, or provide a status update on efforts to resolve or respond to the concern or question. Additional time may be required to resolve a concern or question. In all instances, the RCR will make a good faith effort to resolve the concern or question as quickly as possible and will timely report to Plaintiffs the ultimate resolution of the concern or question. In addition, the RCR shall provide status reports, orally or in writing, to Plaintiffs regarding such a concern or question promptly after such status reports are reasonably requested by Plaintiffs in writing. For the purposes of this Paragraph 28(c), "in writing" shall include electronic mail. The communications required by this Paragraph 28(c) shall be exempt from the requirements of Section XIII of this Consent Decree.

d. Defendant will notify EPA, the Corps and the State in writing within 30 days of its choice(s) for RCR and FCR, and within 30 days after any change to a RCR and/or an FCR.

29. Compliance Protocol. Within 60 days of the entry of this Consent Decree, and for five years thereafter, Defendant shall implement the Compliance Protocol set forth in this

Paragraph (“Compliance Protocol”) at all OG Facilities other than those subject to Paragraph 30 to ensure compliance with Section 404 of the CWA and the West Virginia WPCA, Chapter 22, Article 11, Section 1 *et seq.* Restoration activities required pursuant to Appendix B are not subject to this Paragraph 29. The Compliance Protocol requires the following steps at applicable OG Facilities other than those subject to Paragraph 30:

a. Prior to the initiation of any new land-disturbing activities, except for repair or maintenance to original project configuration (i.e., repair of slips, digging to add or replace a flowline, grading of an existing road, leveling or replacing gravel on an existing pad, cleaning out ditchlines, collection of materials to respond to a slip or spill, or other such activities), Defendant shall use a Qualified Wetlands Professional to provide an assessment (“Pre-Disturbance Assessment”) regarding the potential presence of all aquatic resources (including but not limited to streams and wetlands) within the outer Limits of Disturbance and within 300 horizontal feet of the outer Limits of Disturbance surrounding the proposed operation of the existing or proposed OG Facility; provided that for linear projects, all aquatic resources within 150 feet of the Limits of Disturbance of the project shall be assessed as set forth above. Data reviewed in making such assessment must include review of NRCS Soil Survey Geographic Database for the presence of mapped hydric soils, the U.S. Fish & Wildlife Service National Wetlands Inventory mapping, the 1:48,000 Scale WV SAMB Stream Layer available at <http://wvgis.wvu.edu/data/dataset.php?ID=265>, and the USGS National Hydrography Dataset. In addition, a Pre-Disturbance Assessment must include an analysis of reasonably available aerial photographs and topographic features, such as contours, to identify small streams not identified in the WV SAMB Stream Layer or the USGS

National Hydrography Dataset. In addition, unless otherwise agreed to by the Parties, the Qualified Wetlands Professional shall visit the existing or proposed OG Facility to assess the potential presence of aquatic resources within the outer Limits of Disturbance and within 150 horizontal feet of the outer Limits of Disturbance surrounding the proposed operation of the existing or proposed OG Facility. If the potential presence of an aquatic resource is indicated by the data reviewed, but the Qualified Wetlands Professional determines that no potential aquatic resources are present based on the on-site inspection, then the Qualified Wetlands Professional must document in the Pre-Disturbance Assessment how that determination was made.

b. To the extent that a Pre-Disturbance Assessment identifies potential impacts to aquatic resources (including but not limited to streams and wetlands) within the footprint of and/or within 300 horizontal feet of the outer Limits of Disturbance surrounding the proposed operation of the existing or proposed OG Facility and Defendant does not elect to pursue an alternative for the construction activity that would involve no impacts to aquatic resources based upon a Pre-Disturbance Assessment, Defendant shall:

(i) In the event that an individual permit or the grant of a waiver allowing Defendant to exceed the limits in the Nationwide Permit is required, prepare documentation of the consideration of alternative locations for the existing or proposed OG Facility that would involve fewer impacts to aquatic resources, and documentation of why such alternative locations were not selected, including, as applicable, why such alternatives were not deemed practicable as that term is defined at 40 C.F.R. § 230.3(l);

(ii) Prepare documentation that the design of the existing or proposed OG Facility avoids and minimizes, to the maximum extent practicable, impacts to aquatic resources within the footprint of and/or within 150 horizontal feet of the outer Limits of Disturbance surrounding the proposed operation of the existing or proposed OG Facility;

(iii) Prior to any earthmoving, clearly mark, in accordance with industry standards, the aquatic resource(s) within the footprint of and/or within 150 horizontal feet of the outer Limits of Disturbance surrounding the proposed operation of the existing or proposed OG Facility. In the event that there is an aquatic resource located within 25 feet of the outer Limits of Disturbance, Defendant shall, in addition to clear marking, install silt fencing and other necessary erosion control measures to protect such aquatic resource. Defendant will maintain such fencing and erosion control measures until the Site is restored in accordance with the applicable WVDEP permit or manual.

(iv) Implement construction techniques that are certified by a registered professional engineer as consistent with sound engineering practices, and that ensure rapid stabilization of disturbed earth as soon as practicable, unless more rapid stabilization is required by state law, including but not limited to:

1. ensuring construction of earthen fill slopes of a slope no steeper than 2:1, except where engineered methods can accommodate steeper slopes and such methods are approved by the WVDEP;
2. providing for temporary and permanent seed planting (including the use of native, non-invasive species);

3. applying erosion and sediment controls consistent with the most recent version of the State of West Virginia's Erosion & Sediment Control Best Management Practice Manual;

4. ensuring that the design and installation of culverts is certified by a registered professional engineer as meeting all relevant standards; and

5. ensuring that the culverts are installed in accordance with the general, Specific Regional, and Special conditions of Nationwide Permit 14, and either span or are appropriately countersunk below the streambed.

(v) Submit prior to construction to the applicable regulatory agency any necessary permit application(s) pursuant to the West Virginia WPCA, and any necessary permit application(s) pursuant to Section 404 of the CWA for the discharge of dredged and/or fill material, including but not limited to individual permits or any applicable Nationwide Permits for which a preconstruction notification is required. This provision does not excuse Defendant from obtaining any other permits or authorizations that may be required under federal, state, or local law;

(vi) Retain for inspection upon request by the Plaintiffs at Defendant's offices in Denver, Colorado, the results of the Pre-Disturbance Assessment, including

- Name of the facility;
- Location of the facility, including latitude and longitude;
- Owner/operator of the facility or site;

- Name, nature, and condition of receiving stream(s),
including the eight-digit Hydrologic Unit Code;
- The results of all inspections;

(vii) Comply with the advance notification requirements of this Consent Decree, set forth in Paragraph 31 below and any other notifications required by applicable rules, regulations, and permit(s);

(viii) Until all permits and/or authorizations for the discharge of dredged and/or fill material are received from the Corps and/or the State, delay any land-disturbing activities that could impact the aquatic resource(s), and any land disturbing activities that may be subject to statutes or regulations made applicable through Corps' and/or State permitting processes, except that the parties agree that any tree cutting that remains above the ground's surface while leaving the rooted stumps in place is not a land disturbing activity;

(ix) Stabilize disturbed areas, and restore any affected aquatic resources, as soon as practicable at such OG Facility insofar as such stabilization and restoration is not inconsistent with the terms of any West Virginia WPCA permit or CWA Section 404 permit authorizing the discharge of dredged and/or fill material at the OG facility. Defendant shall also restore to their pre-existing grades, dimensions, and slopes all aquatic resources for which temporary impacts are proposed; and

(x) Maintain all records relating to such OG Facility for five years after the completion of the Pre-Disturbance Assessment, and transfer such records to the next leaseholder or property owner in the event that a facility is sold or the

lease terminates within the five-year period. This obligation is in addition to, and does not alter, the record retention obligations under Section X of this Consent Decree.

c. Whenever Defendant submits mapping of aquatic resources to the Corps or the State in connection with seeking a jurisdictional determination or a permit or other authorization to discharge dredged or fill material at an OG Facility, Defendant shall, within three business days of the submission, notify and make available to EPA electronic copies of all such mapping information in an agreed-to electronic format where that information can be viewed by EPA for a period of 30 days or thereafter by request via email.

d. Defendant shall incorporate the Compliance Protocol set forth in this Paragraph 29 into Defendant's standard operating procedures, including any applicable manuals or other documentation setting forth such procedures, ensure that the Compliance Protocol is provided to each FCR, and ensure that Defendant's contractors are trained in the Compliance Protocol as provided in this Paragraph. Failure to implement the Compliance Protocol during the life of this Consent Decree shall subject Defendant to stipulated penalties set forth in Section VIII.

e. Nothing in this Paragraph 29 shall be interpreted to relieve Defendant of the requirements of the CWA or the West Virginia WPCA, including the requirement to obtain authorization under Section 404 of the CWA for the discharge of dredged or fill material into waters of the United States. Moreover, except for the claims resolved under Paragraph 7 of this Consent Decree, Plaintiffs reserve in full their authority to institute a civil, criminal, or administrative action pursuant to the CWA and/or the West Virginia

WPCA for any unauthorized discharge of dredged or fill material.

30. Compliance Protocol Exception. Paragraph 29 shall not apply to OG facilities for which Defendant requested a delineation prior to October 15, 2017, except that, Defendant shall be required to implement the following parts of Paragraph 29: b(iii), b(iv), b(v), b(vi), b(viii), b(ix), d, and e.
31. Advance Notification. For a period of twelve months after entry of this Consent Decree, Defendant shall, prior to undertaking any construction in West Virginia that may involve discharges of dredged or fill material into waters of the United States that Defendant believes would qualify for Nationwide Permit 12 and/or 14 under the CWA but would not otherwise require submission of preconstruction notification, submit advance notice in accordance with Nationwide Permit General Condition 31 to the Corps of Engineers with copies to EPA at the following electronic address: traver.carrie@epa.gov.

VII. REPORTING REQUIREMENTS

32. Within 90 days after the entry of this Consent Decree and on or before each April 30 and October 31 until termination of this Consent Decree, Defendant shall provide the United States and the State with a written status report detailing Defendant's progress toward completing all tasks required by this Consent Decree and setting forth each of the tasks that will be required before the next report is due and the completion date for such tasks. The status report shall be sent to the addresses specified in Section XII of this Consent Decree. If the required task has been completed, the notice shall specify the date when it was completed. If the required task has not been completed, or was completed after the deadline, then the notice shall explain the reasons for any delay in completion beyond the scheduled time for such completion required by the Consent Decree.

33. For all status reports submitted to the United States pursuant to Paragraph 32 of this Consent Decree, Defendant shall, by signature of a senior management official designated to act on behalf of Defendant, certify as follows:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

34. Compliance with the reporting requirements of this Consent Decree does not relieve Defendant of any reporting obligations required by the Clean Water Act or its implementing regulations, or by any other federal, state or local law, regulation, permit or other requirement.

VIII. STIPULATED PENALTIES

35. Defendant shall be liable for stipulated penalties to the United States and the State for violations of this Consent Decree as specified below, unless excused under Section XI (“Force Majeure”). A violation includes failing to perform any obligation required by the terms of this Consent Decree according to all applicable requirements of this Consent Decree and within the specified time schedules established by or approved under this Consent Decree.
36. Late Payment of Civil Penalty - If Defendant fails to pay the civil penalty required to be paid under Section IV of this Decree (“Civil Penalty”) when due, Defendant shall pay a stipulated penalty of \$5,000 per Day for each Day that the payment is late.
37. Compliance Milestones: The following stipulated penalties shall accrue per violation per Day for each violation of the requirements identified in Sections V (“Restoration,

Mitigation and Preservation”), and VI (“Compliance Requirements”):

<u>Penalty Per Violation Per Day</u>	<u>Period of Noncompliance</u>
\$1,000	1st through 30th Day
\$2,000	31st through 60th Day
\$3,000	61st Day and beyond

38. Reporting Requirements: The following stipulated penalties shall accrue per violation per Day for each violation of the requirements identified in Section VII (Reporting Requirements) :

<u>Penalty Per Violation Per Day</u>	<u>Period of Noncompliance</u>
\$500	1st through 30th Day
\$1,000	31st through 60th Day
\$1,500	61st Day and beyond

39. Stipulated penalties under this Section shall begin to accrue on the day after performance is due or on the day a violation occurs, whichever is applicable, and shall continue to accrue until performance is satisfactorily completed or until the violation ceases.
- Stipulated penalties shall accrue simultaneously for separate violations of this Consent Decree.
40. Defendant shall pay any stipulated penalty within 30 days of receiving a written demand from either Plaintiff. The Plaintiff making the demand for payment of a stipulated penalty shall simultaneously send a copy of the demand to the other Plaintiff and to the Regional Hearing Clerk, EPA Region 3 at the address listed in Section XII, and to the Cincinnati Finance Center at the address listed in Paragraph 18 by electronic or first-class mail. Defendant shall pay 50 percent of the total stipulated penalty amount to the United States and 50 percent to the State.

41. Either the United States or the State may, in the unreviewable exercise of its discretion, reduce or waive stipulated penalties due to it under this Consent Decree.
42. Any disputes concerning the amount of stipulated penalties, or the underlying violation that gives rise to the stipulated penalties, that cannot be resolved by the parties pursuant to the Dispute Resolution provisions in Section X and/or the Force Majeure provisions in Section XI shall be resolved upon motion to this Court as provided in Section X (“Dispute Resolution”).
43. Stipulated penalties shall continue to accrue during any Dispute Resolution, but need not be paid until the following:
 - a. If the dispute is resolved by agreement or by a decision of the EPA, in consultation with the WVDEP, that is not appealed to the Court, Defendant shall pay accrued penalties determined to be owing, together with interest, 50 percent of the total amount to the United States and 50 percent to the State within 30 Days of the effective date of the agreement or the receipt of EPA’s decision or order.
 - b. If the dispute is appealed to the Court and the United States prevails in whole or in part, Defendant shall pay all accrued penalties determined by the Court to be owing, together with interest, within 60 days of receiving the Court’s decision or order, except as provided in subparagraph c, below.
 - c. To the extent Defendant demonstrates to the Court that a delay or other non-compliance was due to a Force Majeure event (as defined in Section XI, below) or otherwise prevails on the disputed issue, Defendant shall not be obligated to pay the stipulated penalties and interest for that delay or non-compliance.

- d. If any Party appeals the Court's decision, Defendant shall pay all accrued penalties determined to be owed, together with interest, within 15 days of receiving the final appellate court decision.
 - e. Defendant shall pay stipulated penalties owing to the United States and the State in the manner set forth in Section IV ("Civil Penalty"), except that the ETF forms and transmittal letter shall state that the payment is for stipulated penalties and shall state for which violation(s) the penalties are being paid.
44. If Defendant fails to pay stipulated penalties according to the terms of this Consent Decree on time, Defendant shall be liable for interest on such penalties, as provided in 28 U.S.C. § 1961, accruing as of the date payment became due. Nothing in this Paragraph shall be construed to limit the United States or the State from seeking any remedy otherwise provided by law for Defendant's failure to pay any stipulated penalties.
45. Subject to the provisions of Section III of this Consent Decree ("Scope and Effect of Consent Decree"), the stipulated penalties provided for above shall be in addition to any other rights, remedies, or sanctions available to the United States and the State for Defendant's violation of this Consent Decree or applicable law.

IX. RETENTION OF RECORDS AND INSPECTIONS

46. During the existence of this Consent Decree, and until five years after the termination of this Consent Decree, Defendant shall preserve and retain all records, documents, and information now in its possession, custody or control or which come into its possession, custody or control that relate in any manner to the performance of the tasks in this Consent Decree (including all Appendices), regardless of any corporate retention policy to the contrary. Defendant shall also instruct its contractors, agents, successors and

assigns to preserve all documents, records, and information of whatever kind, nature or description relating to the performance of the tasks in this Consent Decree during the existence of this Consent Decree, and until five years after the termination of this Consent Decree.

47. At the conclusion of the document retention period specified in Paragraph 46 and continuing for two years thereafter, Defendant shall notify the United States and the State at least 90 days prior to the destruction of any such records or documents, and, upon request by the United States or the State, Defendant shall deliver any such records or documents to the requesting Plaintiff. If the United States or the State does not request delivery of such records or documents within the 90-day period, then the records or documents may be destroyed. Defendant may assert that certain documents, records and other information are privileged under the attorney-client privilege or any other privilege recognized by federal law. If Defendant asserts such a privilege, it shall provide the United States with the following:

- The title of the document, record, or information;
- The date of the document, record, or information;
- The name and title of the author of the document, record, or information;
- The name and title of each addressee and recipient;
- A description of the subject of the document, record, or information; and
- The privilege asserted by Defendant.

However, no documents, reports or other information created or generated pursuant to the requirements of this Consent Decree shall be withheld on the grounds that they are privileged.

48. During the document retention period specified in Paragraph 46, the United States may inspect and review any records required to be kept under the terms and conditions of this Consent Decree and the CWA, and Defendant shall produce such records for inspection by the United States at a reasonable time and location.

49. Inspections.

a. Until termination of this Consent Decree, the United States, WVDEP, and their authorized representatives and contractors may, upon reasonable notice and at all reasonable times, and in compliance with agency and Defendant's safety protocols, enter any of Defendant's OG Facilities and any sites where Defendant is performing restoration or mitigation pursuant to Section V of this Consent Decree, to:

- Monitor the activities required by this Consent Decree;
- Verify any data or information submitted to the United States or the State;
- Obtain samples as permitted by law and
- Inspect and evaluate Defendant's restoration, mitigation, and/or preservation activities.

b. This paragraph of the Consent Decree is in addition to, and in no way limits or otherwise affects, the statutory authorities of the United States or WVDEP to conduct inspections, to require monitoring and to obtain information from Defendant as authorized by law.

X. DISPUTE RESOLUTION

50. Unless otherwise expressly provided for in this Consent Decree, the Dispute Resolution procedures of this Section XI shall be the exclusive mechanism to resolve disputes arising under or with respect to this Consent Decree. Defendant's failure to seek resolution of a dispute under this Section shall preclude Defendant from raising any such issue as a defense to an action by the United States to enforce any obligation of Defendant arising under this Consent Decree.
51. Any dispute that arises with respect to the meaning or requirements of this Consent Decree shall be, in the first instance, the subject of informal negotiations between the parties to attempt to resolve such dispute. The period for informal negotiations shall commence upon written notice by one party to the other that a dispute exists and that the party is invoking the dispute resolution process to address the dispute. The period for informal negotiations shall not extend beyond 30 days, unless agreed to in writing by the parties to the dispute. If a dispute between the United States, and/or the State, and Defendant cannot be resolved by informal negotiations, then the position advanced by the United States following consultation with the State shall be considered binding unless, within 14 days after the end of the informal negotiations period, Defendant files a motion with the Court seeking resolution of the dispute. The motion shall set forth the nature of the dispute and a proposal for its resolution. The United States, in consultation with the State, shall have 30 days to respond to the motion and propose an alternate resolution. In resolving any such dispute, Defendant shall bear the burden of proving by a preponderance of the evidence that the United States' position is not in accordance with the terms and conditions of this Consent Decree and the objectives of the CWA (and the

West Virginia WPCA, as applicable), and that Defendant's position will achieve compliance with the terms and conditions of this Consent Decree, the CWA and the West Virginia WPCA.

52. If the United States or the State believes that a dispute is not a good faith dispute, or that a delay would pose or increase a threat of harm to the public or the environment, the United States or the State may move the Court for a resolution of the dispute prior to the expiration of the 30-day period for informal negotiations. Defendant shall have 14 days to respond to the motion and propose an alternate resolution. In resolving any such dispute, Defendant shall bear the burden of proving by a preponderance of the evidence that the United States' position is not in accordance with this Consent Decree and the objectives of the CWA and the WPCA, as applicable, and that Defendant's position will achieve compliance with the terms and conditions of this Consent Decree, the CWA and the West Virginia WPCA.
53. The filing of a motion asking the Court to resolve a dispute shall not extend or postpone any obligation of Defendant under this Consent Decree, except as provided in Section VIII, above, regarding payment of stipulated penalties.

XI. FORCE MAJEURE

54. Defendant shall perform the actions required under this Decree within the time limits set forth or approved herein, unless the performance is prevented or delayed solely by events which constitute a Force Majeure event, or otherwise agreed to in writing by the United States, the State and Defendant. A Force Majeure event is defined as any event arising from causes beyond the control of Defendant, including its employees, agents, consultants and contractors, which could not be overcome by due diligence and which delays or prevents the performance of an action

required by this Consent Decree within the specified time period. A Force Majeure event does not include, *inter alia*, increased costs of performance, changed economic circumstances, changed labor relations, normal precipitation or climate events, changed circumstances arising out of the sale, lease or other transfer or conveyance of title or ownership or possession of a site, or failure to obtain federal, state or local permits, except for circumstances that fall under 33 C.F.R. § 325.2(e)(4).

55. If Defendant believes that a Force Majeure event has affected its ability to perform any action required under this Consent Decree, Defendant shall notify the United States and the State in writing within 10 calendar days after the event at the addresses listed in Section XII (“Notices and Submissions”), below. Such notice shall include a discussion of:

- what action has been affected;
- the specific cause(s) of the delay;
- the length or estimated duration of the delay; and
- any measures taken or planned by Defendant to prevent or minimize the delay and a schedule for the implementation of such measures.

Defendant may also provide to the United States and the State any additional information it deems appropriate to support its conclusion that a Force Majeure event has affected its ability to perform an action required under this Consent Decree. Failure to provide timely and complete notification to the United States and the State shall constitute a waiver of any claim of Force Majeure as to the event in question.

56. If the United States, after a reasonable opportunity for consultation with the State, determines that the conditions constitute a Force Majeure event, then the deadline for the

affected action shall be extended by the amount of time of the delay caused by the Force Majeure event and/or any such other date as agreed upon in writing by the parties.

Defendant shall coordinate with the United States and the State to determine when to begin or resume the operations affected by any Force Majeure event.

57. If the parties are unable to agree whether the conditions constitute a Force Majeure event, or whether the length of time for fulfilling the provision of the Consent Decree at issue should be extended, any party may seek a resolution of the dispute under the procedures in Section X (“Dispute Resolution”) of this Consent Decree.

58. Defendant shall bear the burden of proving by a preponderance of the evidence:

a. That the noncompliance at issue was caused by circumstances entirely beyond the control of Defendant, and any entity controlled by Defendant, including its employees, agents, consultants and contractors, which could not be overcome by due diligence and which delayed or prevented the performance of the affected action;

b. That Defendant or any entity controlled by Defendant could not reasonably have foreseen and prevented such noncompliance; and

c. The number of days of noncompliance that were caused by such circumstances.

XII. NOTICES AND SUBMISSIONS

59. All notices and communications required under this Consent Decree shall be made to the parties through each of the following persons and addresses:

TO EPA:

Pamela J. Lazos, Mail Code 3RC20
Senior Assistant Regional Counsel
United States Environmental Protection Agency Region III
1650 Arch St.
Philadelphia, PA 19103-2029

Todd Lutte, Mail Code 3EA30
United States Environmental Protection Agency Region III
1650 Arch St.
Philadelphia, PA 19103-2029

Regional Hearing Clerk, Mail Code 3RC00
United States Environmental Protection Agency Region III
1650 Arch Street
Philadelphia, PA 19103-2029

TO THE DEPARTMENT OF JUSTICE:

Patrick R. Jacobi
Trial Attorney
Environment and Natural Resources Division
U.S. Department of Justice
Denver Place Building
999 18th Street
Suite 370 – South Terrace
Denver, CO 80202

Chloe H. Kolman
Trial Attorney
Environment and Natural Resources Division
U.S. Department of Justice
P.O. Box 7611
Washington, D.C. 20044

TO THE CORPS:

Dana M. Adipietro
Assistant District Counsel
U.S. Army Corps of Engineers
Pittsburgh District
1000 Liberty Ave., 22nd Floor
Pittsburgh, PA 15222

Jon T. Coleman
Chief, Southern Section, Regulatory Branch
U.S. Army Corps of Engineers

Pittsburgh District
1000 Liberty Ave., 22nd Floor
Pittsburgh, PA 15222

Paul J. Loftus
Deputy District Counsel
U.S. Army Corps of Engineers
Huntington District
502 8th Street
Huntington, WV 25701

Lee A. Robinette
Chief, Energy Resource Branch
U.S. Army Corps of Engineers
Huntington District
502 8th Street
Huntington, WV 25701

TO WVDEP:

Chief Inspector
Environmental Enforcement
West Virginia Department of Environmental Quality
601 57th Street, SE
Charleston, WV 25304

Chief
Office of Oil and Gas
West Virginia Department of Environmental Quality
601 57th Street, SE
Charleston, WV 25304

TO DEFENDANT:

Al Schopp
Regional Senior Vice President and Chief Administrative Officer
Antero Resources Corporation
1615 Wynkoop Street
Denver, CO 80202

Hank Lawrence
Steptoe & Johnson PLLC
400 White Oaks Boulevard
Bridgeport, WV 26330

XIII. COSTS OF SUIT

60. Each party to this Consent Decree shall bear its own costs and attorneys' fees in this action, except that the United States and/or the State shall be entitled to collect the costs (including attorney's fees) incurred in any action necessary to enforce this Consent Decree or to collect any portion of the civil penalty or any stipulated penalties due, but not paid by Defendant.

XIV. PUBLIC COMMENT

61. The parties acknowledge that after the lodging and before the entry of this Consent Decree, final approval by the United States and the State is subject to the requirements of 28 C.F.R. § 50.7, and the West Virginia Code of State Rules, C.S.R. § 47-10-16.2.c, which provide for public notice and comment. The United States reserves the right to withhold or withdraw its consent to the entry of this Consent Decree if the comments received disclose facts which lead the United States to conclude that the proposed consent judgment is inappropriate, improper, or inadequate. Defendant agrees not to withdraw from, oppose entry of, or to challenge any provision of this Consent Decree unless the United States has notified Defendant in writing that it no longer supports entry of the Consent Decree.

XV. CONTINUING JURISDICTION OF THE COURT

62. This Court shall retain jurisdiction over this action in order to enforce or modify the Consent Decree consistent with applicable law or to resolve all disputes arising hereunder as may be necessary or appropriate for construction or execution of this Consent Decree.

XVI. ENTRY AND MODIFICATION

63. Upon its entry by the Court, this Consent Decree shall have the force and effect of a final

judgment. Any material modification of this Consent Decree shall be in writing, and shall not take effect unless signed by the United States, the State, and Defendant and approved by the Court, except that deadlines for the completion of tasks required by Sections V and VI may be modified by written agreement of all parties.

XVII. EFFECTIVE DATE

64. The Effective Date of this Consent Decree shall be the date upon which this Consent Decree is entered by the Court or a motion to enter the Consent Decree is granted, whichever occurs first, as recorded on the Court's docket.

XVIII. TERMINATION

65. Except for Paragraphs 22, 24, 46, 47, and the post-restoration monitoring requirements identified in Appendix B, Paragraph II, this Consent Decree may be terminated through either of the following procedures:
- a. After Defendant has: (i) completed the tasks contained in the work plans established pursuant to Appendix B (except for the post-restoration monitoring requirements identified in Appendix B, Paragraph II); (ii) completed the requirements contained in Paragraph 16 in Section IV ("Civil Penalty"), Paragraphs 21, 23, and 25 in Section V ("Restoration, Mitigation and Preservation"), and Paragraphs 26(a), 29, and 30 in Section VI ("Compliance Assurance Program") of this Consent Decree; (iii) has paid any accrued stipulated penalties as required by Section VIII this Consent Decree; and (iv) has complied with all other requirements of this Consent Decree; Defendant may serve upon the United States and the State a Request for Termination, stating that Defendant has satisfied those requirements, together with all necessary supporting documentation. If the United States and the State agree that the Consent Decree may be terminated, the

Parties shall submit, for the Court's approval, a joint stipulation, terminating the Decree. If the United States and/or the State do not agree that the Decree may be terminated, the United States and/or the State shall provide their reason for not agreeing to submit a joint stipulation. Defendant may submit a motion to the Court asking for termination of the Consent Decree without invoking Dispute Resolution under Section X of this Consent Decree; provided, however, the Defendant shall not submit such motion until 90 days after service of its Request for Termination on the United States and the State, and Defendant shall bear the burden of proving by a preponderance of the evidence that Defendant's position is in accordance with the terms and conditions of this Consent Decree and the requirements of the CWA (and the West Virginia WPCA, as applicable).

b. Defendant, the United States, and the State may at any time make a joint motion to the Court for termination of this Decree or any portion of it.

XIX. SIGNATORIES/SERVICE

66. Each of the undersigned certifies that he or she is fully authorized to enter into the terms and conditions of this Consent Decree and to execute and legally bind the Party he or she represents to this document.
67. This Consent Decree may be signed in counterparts, and its validity shall not be challenged on that basis. Defendant agrees to accept service of process by mail with respect to all matters arising under or relating to this Consent Decree and to waive the formal service requirements set forth in Rules 4 and 5 of the Federal Rules of Civil Procedure and any applicable Local Rules of this Court including, but not limited to, service of a summons.

XX. APPENDICES

68. The following appendices are attached to and part of this Consent Decree:

Appendix A: Site List

Appendix B: Work Plans and Specifications for Restoration and Mitigation Projects

Appendix C: Sample Conservation Easement

Appendix D: Sample Deed Restriction

Appendix E: Mitigation Site

IT IS SO ORDERED.

Dated and entered this _____ day of _____, 2019.

United States District Judge

ON BEHALF OF DEFENDANT, ANTERO RESOURCES CORPORATION:



Alwyn A. Schopp

Regional Senior Vice President and Chief Administrative Officer

ANTERO RESOURCES CORPORATION

Dated: 11/28/18

ON BEHALF OF THE UNITED STATES:

A handwritten signature in blue ink, reading "Patrick R. Jacobi", with a long horizontal flourish extending to the right.

Dated: February 10, 2019

Patrick R. Jacobi
Chloe H. Kolman
Trial Attorneys
Environment and Natural Resources Division
Environmental Defense Section
U.S. Department of Justice

U.S. ENVIRONMENTAL PROTECTION AGENCY

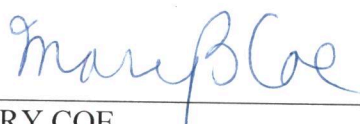
SUSAN PARKER BODINE
Assistant Administrator
Office of Enforcement and Compliance Assurance
U.S. Environmental Protection Agency

Dated: _____



COSMO SERVIDIO
Regional Administrator
U.S. Environmental Protection Agency, Region III

Dated: 12-20-2018



MARY COE
Regional Counsel
U.S. Environmental Protection Agency, Region III


Dated: 12/12/18

Pamela J. Lazos
Senior Assistant Regional Counsel
U.S. Environmental Protection Agency, Region III

FOR THE U.S. ENVIRONMENTAL PROTECTION AGENCY (OECA):

27 DEC 2018

Date


for SUSAN PARKER BODINE
Assistant Administrator
Office of Enforcement and Compliance Assurance
U.S. Environmental Protection Agency


12/26/18

Date


for ROSEMARIE KELLEY
Acting Director
Office of Civil Enforcement
Office of Enforcement and Compliance Assurance
U.S. Environmental Protection Agency

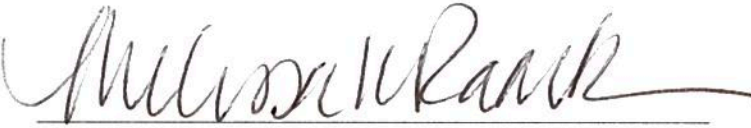
12/26/18

Date



MARK POLLINS
Director, Water Enforcement Division
Office of Civil Enforcement
Office of Enforcement and Compliance Assurance
U.S. Environmental Protection Agency

12/21/18

Date



MELISSA K. RAACK
Attorney-Advisor, Water Enforcement Division
Office of Civil Enforcement
Office of Enforcement and Compliance Assurance

ON BEHALF OF THE WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL
PROTECTION:



HAROLD WARD
Acting Director
Division of Water and Waste Management
West Virginia Department of Environmental Protection
601 57th Street Southeast
Charleston, WV 25304
(304) 926-0499

Dated: 1-31-19



Scott Driver
Associate Attorney
West Virginia Department of Environmental Protection
601 57th Street Southeast
Charleston, WV 25304
(304) 926-0499

Dated: 1/31/19

Appendix A: Sites

Five H
Ike & Mike Compressor Station
Jarvisville Compressor Station
Moss West/East
Cunningham
Morris
Sperry 2
Neva Ritter
Ross
Williams 10
Pike Fork Compressor Station
Lowe
O. Rice (includes pipeline)
Matthey (includes Salem Compressor Station)
Mary Post
Hurst
Hustead
Davis 1
Clarksburg Compressor Station
Johnson
Rossco
Matthews
Hill
Williams 9
Terry Snider
Nash
Stewart
Hamilton
Pimm
County Road 32/6 (associated with Bowyer)
Brushy Fork
North Canton Compressor Station

Appendix B: Work Plans and Specifications for Restoration and Mitigation Projects

This Appendix sets forth the procedures applicable to the restoration work to be undertaken by Antero Resources Corporation (“Defendant”) pursuant to the Consent Decree among the United States of America, the State of West Virginia (by and through the West Virginia Department of Environmental Protection) and Defendant. This Appendix is incorporated into the Consent Decree.

The sites covered by this Work Plan (collectively, the “Restoration Sites”) are:

Five H	Ike & Mike Compressor Station	Jarvisville Compressor Station
Moss West/East	Cunningham	Morris
Sperry 2	Neva Ritter	Ross
Williams 10	Pike Fork Compressor Station	Lowe
O. Rice	Matthey (includes Salem Compressor Station)	
Mary Post	Hurst	Hustead
Davis 1	Clarksburg Compressor Station	Johnson
Rossco	Matthews	Hill
Williams 9	Terry Snider	Nash
Stewart	Hamilton	Primm
County Road 32/6 (associated with Bowyer)		Brushy Fork
North Canton Compressor Station		

I. Delineation Reports

For each Restoration Site for which a delineation report has not been approved by EPA, Defendant shall submit a pre-disturbance wetland and stream delineation (“Delineation Report”) to the U.S. Environmental Protection Agency (“EPA”) for review and approval. Each Delineation Report will identify any and all areas at the applicable Restoration Site that, prior to construction, were potentially jurisdictional streams or wetlands, and will show the extent of the waters. Defendant shall utilize a methodology for identifying wetlands and streams in disturbed and undisturbed areas consistent with methods accepted by the EPA and the U.S. Army Corps of Engineers (“Corps”).

Defendant shall submit Delineation Reports for all Restoration Sites within 120 days of the entry of the Consent Decree. Delineation Reports submitted to and approved by EPA prior to the entry of the Consent Decree will satisfy this requirement.

After review of the Delineation Report, EPA will: a) approve the Report, in whole or in part; b) approve the Report upon specified conditions; c) disapprove the Report, in whole or in part; or d) any combination of the above.

If EPA disapproves all or part of a Delineation Report, Defendant shall, within 60 days of receipt of EPA’s disapproval, address the reasons for disapproval and resubmit the Delineation Report for approval. If a Delineation Report submitted pursuant to this provision is disapproved in whole or in part three times or more, EPA, in consultation with the Corps and the State, may

itself correct the deficiencies in the Report, subject to Defendant's right to invoke Dispute Resolution pursuant to Section X of this Consent Decree.

II. Restoration Plans and Mitigation Plans

Within 120 days of EPA's approval of each Delineation Report, Defendant shall submit a detailed Restoration Plan for the applicable Restoration Site to EPA for approval. The Restoration Plan must (a) be designed to restore the Restoration Site to approximate pre-disturbance conditions with regard to topography, structure, and hydrologic flow where practicable and consistent with the definition of restoration found in 40 C.F.R. § 230.92; (b) include a schedule for implementation; (c) include compensation for temporal impacts to streams and wetlands using the West Virginia Stream and Wetland Valuation Metric ("WVSWVM") to determine the appropriate amount of mitigation needed to offset permanent and temporal losses to aquatic resources; (d) ensure that restored areas are stabilized so as to avoid landslides or slips, (e) utilize only native West Virginia species for planting; (f) incorporate quantitative performance measures; and (g) include a post-restoration monitoring plan for a period of at least five years or until EPA agrees in writing that restoration has been successful.

After review of the Restoration Plan, EPA will: a) approve the Plan, in whole or in part; b) approve the Plan upon specified conditions; c) disapprove the Plan, in whole or in part; or d) any combination of the above.

If EPA disapproves all or part of a Restoration Plan, Defendant shall, within 60 days of receipt of EPA's disapproval, address the reasons for disapproval and resubmit the Restoration Plan for approval. If a Restoration Plan submitted pursuant to this provision is disapproved in whole or in part three times or more, EPA, in consultation with the Corps and the State, may itself correct the deficiencies in the Plan and require restoration in accordance with the plan developed by EPA, subject to Defendant's right to invoke Dispute Resolution pursuant to Section X of this Consent Decree.

In the event that the physical, chemical, and biological functions of the impacted aquatic resources cannot be fully restored at any Restoration Site due to lack of access or for any other reason, including agreement by the parties that such restoration is impracticable, Defendant shall notify EPA and develop and submit to EPA a Mitigation Plan. The Mitigation Plan must be submitted to EPA as part of the Restoration Plan or within 60 days of Defendant determining that such Mitigation Plan must be submitted pursuant to this Paragraph. The Mitigation Plan must use WVSWVM to determine the appropriate amount of mitigation needed to compensate for all unrestored impacted resources. The Mitigation Plan must provide long-term protection for mitigation areas via a conservation easement, deed restriction, or other appropriate instrument. A single Mitigation Plan may be used to compensate for unrestored impacts at multiple sites within an 8-digit hydrologic unit code ("HUC") watershed, including the Mitigation Site identified in Appendix E.

After review of Defendant's Mitigation Plan, EPA will: a) approve the Plan, in whole or in part; b) approve Plan upon specified conditions; c) disapprove the Plan, in whole or in part, or

d) any combination of the above. EPA may disapprove the Mitigation Plan, in whole or in part, based on EPA's determination that the impacted aquatic resources can be fully restored. If EPA disapproves all or part of a Mitigation Plan, Defendant shall, within 60 days of receipt of EPA's disapproval, address the reasons for disapproval and resubmit the Mitigation Plan for approval. If a Mitigation Plan submitted pursuant to this provision is disapproved in whole or in part three times or more, EPA, in consultation with the Corps and the State, may itself correct the deficiencies in the Plan and require mitigation in accordance with a plan developed by EPA, subject to Defendant's right to invoke Dispute Resolution pursuant to Section X of this Consent Decree.

III. Restoration and Mitigation

Upon approval of a Restoration Plan (either with or without conditions or modifications by EPA), the Restoration Plan is incorporated into this Appendix B, and Defendant shall implement the Plan as approved or modified by EPA. Upon approval of a Mitigation Plan (either with or without conditions or modifications by EPA), the Mitigation Plan is incorporated into this Appendix B, and Defendant shall implement the Plan as approved or modified by EPA. Restoration and mitigation work at each Restoration Site shall be executed in accordance with the approved schedule.

IV. Communications

All other correspondence related to this Work Plan should be submitted to the EPA representatives to whom communications are to be made pursuant to Paragraph 59 of the Consent Decree.

V. Extensions of the Timeframes Above

Defendant shall perform the actions required by this Work Plan within the time limits set forth herein. EPA recognizes that delineation and restoration activities may be delayed because of unanticipated seasonal and weather conditions, issues relating to landowner access, and leases and other transfers or conveyances of possession of Restoration Sites. Extension requests based on these issues will not be unreasonably denied.

VI. Access to Third-Party Sites

a. If any Site or Restoration Site is owned or controlled by persons other than Defendant, Defendant shall use best efforts to secure from such persons an agreement to provide access to the Site for Defendant, the United States, the State, and their representatives, contractors, and subcontractors, to conduct any activity pursuant to the Consent Decree including, but not limited to, the activities set forth in this Work Plan and Paragraph 21 of the Consent Decree. "Best efforts" for the purposes of this Paragraph VI includes efforts commenced no later than 30 days after EPA's approval of a Restoration Plan or development of a Restoration Plan pursuant to Section III of this Work Plan, or no later than 30 days after entry of this Consent Decree for Sites with previously-approved restoration plans, and the offer of payment of a reasonable sum of money to obtain access.

b. If, within 90 days of EPA's approval of a Restoration Plan or development of a Restoration Plan pursuant to Section III of this Work Plan, or within 90 days after entry of this Consent Decree for Sites with previously-approved restoration plans, Defendant has not obtained an agreement to provide access as described above, Defendant shall promptly notify Plaintiffs in writing at the addresses set forth in Section XIII of the Consent Decree, and shall include in that notification a summary of the steps that Defendant has taken to attempt to comply with this Paragraph VI. The United States may, in its unreviewable discretion, assist Defendant in obtaining access. If Defendant has used best efforts and access is not obtained by Defendant or the United States for any reason, and Defendant is unable to complete its obligations under this Consent Decree, then Defendant shall, consistent with Section II of this Work Plan, provide compensatory mitigation to off-set the loss of any areas that could not be restored due to lack of access, provided that such compensatory mitigation shall be consistent with applicable EPA and Corps regulations and guidance.

Appendix C: Model Conservation Easement

Prepared by: [AUTHOR]

GRANT OF CONSERVATION EASEMENT

This Grant of Conservation Easement is made this [DATE] day of [MONTH], 201[X], by [GRANTOR], whose address is [ADDRESS], located in [CITY], [COUNTY], [STATE], hereinafter referred to as “Grantor,” in favor of the [GRANTEE], hereinafter referred to as “Grantee,” with the United States Environmental Protection Agency (“EPA”), the West Virginia Department of Environmental Protection (“WVDEP”) and the United States Army Corps of Engineers (“USACE”) as Third-Party Beneficiaries with rights as provided in this Conservation Easement, pursuant to the West Virginia Code, Chapter 20, Article 12, Conservation and Preservation Easements Act, § 20-12-2 et. seq.

WITNESSETH:

WHEREAS, Grantor is the owner of certain real property located in the [PROPERTY TITLE] (hereinafter “the Property”), and the Property is also described in a deed of record in the office of the Clerk of the County Commission, [COUNTY] at Deed Book [BOOK], Page [PAGE]; and

WHEREAS, that certain portion of the surface of the Property described on Exhibit A attached hereto (the “Conserved Area”) possesses open space and natural values (collectively, “Conservation Values”) of great importance to Grantor, the people of [COUNTY], and the people of the State of West Virginia, and all current and future generations of mankind; and

WHEREAS, the Legislature of the State of West Virginia has recognized the importance and significant public benefit of conservation and preservation easements in its ongoing efforts to protect the natural, historic, agricultural, open-space and scenic resources of the State of West Virginia; and

WHEREAS, Grantee qualifies as a “holder” pursuant to W. Va. Code § 20-12-3; and

WHEREAS, Grantor, having the authority to do so, intends to enter into this Conservation Restriction in order to grant to Grantee a Conservation Easement on the Property to restrict subsequent disturbance and/or development of the Conserved Area in perpetuity; and

WHEREAS, Grantee affirms that this Conservation Easement represents a unique and valuable asset to the quality of life in [COUNTY] and the state of West Virginia and that by the acceptance of this Conservation Easement that it will act in good faith to uphold the conservation easement and not seek to benefit from its conversion or elimination. Grantee agrees by accepting this grant to honor the intentions of Grantor stated herein and to preserve and protect in

perpetuity the Conservation Values of the Conserved Area for the benefit of this generation and the generations to come in the future; and

WHEREAS, preservation of the Conserved Area is consistent with a central objective of a Consent Decree in the matter of [*Case name*], Civil Action No. _____ (“Antero CD”), Grantor and Grantee agree that USACE, EPA, and WVDEP, and their successor agencies (collectively “Third Parties”), are third-party beneficiaries under this conservation easement, except that nothing herein creates a property interest in the Federal Government or the State of West Virginia with regard to the Conserved Area;

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and the facts recited above and the terms, conditions and restrictions contained herein, Grantor hereby agrees that the Conserved Area shall be subject in perpetuity to the following conveyances, covenants and restrictions in favor of Grantee:

1. Grantor hereby conveys, transfers, assigns and grants to Grantee a Conservation Easement with respect to the Conserved Area.
2. This Grant of Conservation Easement shall be a burden upon and shall run with the Conserved Area, and shall bind Grantor, its successors and assigns, in perpetuity.
3. The following activities are prohibited in the Conserved Area, except as necessary for the control of alien invasive or noxious plant or animal species or as necessary to accomplish restoration and/or mitigation described in Paragraph 9:
 - a. Removal, excavation, dredging, or disturbance of the surface;
 - b. Dumping of, storage of, or filling with soil, rock, biological material, trash, ashes, garbage, waste, or other materials;
 - c. Draining, impounding, or impairing the flow or circulation, or reducing the reach of waters, including wetlands; or any other discharge or activity requiring a permit under applicable clean water or water pollution control laws and regulations, as amended;
 - d. Installation of structures;
 - e. Placement of pavement or other impervious materials;
 - f. Alteration of the existing pattern of vegetation through removal, destruction, or planting of vegetation;
 - g. Except to the extent necessary to return the Conserved Area to a use consistent with its use prior to Antero Resources Appalachian Corporation’s (“Antero”) initial entry onto the Conserved Area, conversion of, or expansion into, any portion of the Conserved Area for use of agricultural, horticultural, aquacultural,

silvicultural, livestock production, or grazing activities. This prohibition also includes conversion from one type of these activities to another (e.g., from agricultural to silvicultural);

- h. The use of fertilizers, herbicides or pesticides;
 - i. Removal, clearing, pruning, or mowing of live vegetation, including trees, unless Grantor demonstrates to Grantee that such removal will result in habitat enhancement or to prevent a safety hazard, and Grantor has received written approval of Grantee;
 - j. The use of the Conserved Area to provide required open space for the development or subdivision of another property or to determine any other permissible residential, commercial or agricultural uses of another property; or any legal or de facto division, subdivision or portioning of the Conserved Area;
 - k. Any other use of or activity in the Conserved Area that is inconsistent with the purpose of this Grant of Conservation Easement.
4. Grantor shall record this Conservation Easement in the Land Records of the county or counties where the property is located within sixty (60) days of the effective date of this Conservation Easement. Grantor shall provide Grantee, Antero and Third Parties with proof of recordation and give notice of this Grant of Conservation Easement to current record title holders of easements in the Conserved Area within thirty (30) days of recording by the County Clerk.
5. Notwithstanding any provisions to the contrary, this Grant of Conservation Easement is subject to and subordinate to any existing and duly recorded rights with respect to the Conserved Area. All structures, infrastructure, as well as all pre-existing easements or other duly recorded rights in the Conserved Area identifiable through a title search extending to documents placed of record within twenty (20) years prior to the date of this Grant of Conservation Easement, shall be indicated on Exhibit A, which is attached to this instrument and includes a copy of the most recent property deed for the Property and a legal description sufficient to identify the boundaries of the Conserved Area. Grantor certifies to Grantee and Third Parties that to Grantor's actual knowledge, there are no previously granted easements existing in the Conserved Area that interfere or conflict with the purpose of this Grant of Conservation Easement.
6. All mortgages and deeds of trust granted or entered into after the date hereof affecting the Conserved Area will be subordinate to the rights of Grantee under this Grant of Conservation Easement.
7. Grantee, Antero and Third Parties shall have the right to:
- a. enter upon the Conserved Area for the purpose of inspecting the Conserved Area to determine compliance with the purposes and terms of this Grant of

Conservation Easement, or for any other purpose authorized by this easement or by the Antero CD. When practicable, such entry shall be upon prior reasonable notice to the property owner. This right of entry is in addition to and does not limit any right of entry otherwise granted by Federal or State law;

- b. take any and all action within the Conserved Area necessary to address a situation that poses an immediate risk to health, life, property or the environment; and
 - c. take any and all action within the Conserved Area required by Federal or State law or approved by the Third Parties.
8. In the event of a breach of this Conservation Easement by Grantor or another party, Grantee and/or Third Parties shall notify Grantor of the breach. If Grantor fails to take corrective action within 60 days of such notice, Grantee and/or Third Parties may undertake actions to effect such corrective action, including bringing a judicial action against any person(s) or entity(ies) violating or attempting to violate this Conservation Easement: provided, however, that no violation of this Conservation Easement shall result in a forfeiture or reversion of title. In any enforcement action, an enforcing party shall be entitled to a complete restoration for any violation, as well as any other judicial remedy such as civil penalties. The costs of breach, correction and/or restoration, including Grantee's and/or Third Parties' expenses, court costs, and attorney's fees, shall be paid by Grantor, provided Grantor is determined to be responsible for the breach. Enforcement shall be at the discretion of Grantee and/or Third Parties, and no omissions or delay in acting shall constitute a waiver of any enforcement right. These rights are in addition to, and shall not limit, enforcement rights available under other provisions of law or equity, under any applicable permit or certification, or under the Antero CD.
9. Antero and/or its contractors shall have the right to enter upon the Conserved Area for the purpose of performing any work required by a restoration or mitigation plan approved under the Antero CD, including construction, planting, maintenance, monitoring, long-term management, or any other restoration, enhancement, or mitigation work specified therein, provided such work is conducted in accordance with such approved plan.
10. Grantor shall provide Grantee, Antero and Third Parties written notice of any transfer or change in ownership of, or of the execution of any subsequent easement affecting, any portion of the Conserved Area, including but not limited to the name and address of the new owner at least thirty (30) days prior to the transfer or change in ownership, or execution of such easement.
11. Grantor agrees that the terms, conditions, restrictions and purposes of this Conservation Easement will be inserted in any subsequent deed, subdivision deed, lease, sub-lease or other legal instrument by which Grantor divests itself of any interest in any portion of the Conserved Area. Notwithstanding the failure of Grantor to include the terms and restrictions of this instrument, it shall run with the land and be binding on all heirs, successors and assigns.

12. Any notice, demand, request, consent, approval or communication under this Conservation Easement shall be sent by certified mail, return receipt requested or reliable overnight courier, addressed as follows:

To Grantor:

To Grantee:

To Antero:

To Third Parties:

TO EPA:

Pamela J. Lazos
Senior Assistant Regional Counsel
Office of Regional Counsel
United States Environmental Protection Agency
Region III
MC 3RC20
1650 Arch St.
Philadelphia, PA 19103-2029

Associate Director, Office of Environmental Programs
Environmental Assessment and Innovation Division
United States Environmental Protection Agency
Region III
MC 3EA40
1650 Arch St.
Philadelphia, PA 19103-2029

TO THE CORPS:

Dana M. Adipietro

Assistant District Counsel
U.S. Army Corps of Engineers
Pittsburgh District
1000 Liberty Ave., 22nd Floor
Pittsburgh, PA 15222

Jon T. Coleman
Chief, Southern Section, Regulatory Branch
U.S. Army Corps of Engineers
Pittsburgh District
1000 Liberty Ave., 22nd Floor
Pittsburgh, PA 15222

Paul J. Loftus
Deputy District Counsel
U.S. Army Corps of Engineers
Huntington District
502 8th Street
Huntington, WV 25701

Lee A. Robinette
Chief, Energy Resource Branch
U.S. Army Corps of Engineers
Huntington District
502 8th Street
Huntington, WV 25701

TO WVDEP:

Chief Inspector
Environmental Enforcement
West Virginia Department of Environmental Protection
601 57th St.
Charleston, WV 25304

Chief
Office of Oil and Gas
West Virginia Department of Environmental Protection
601 57th St.
Charleston, WV 25304

13. A party may change the address or person to whom notices to it are required to be given by notice given in the manner above provided.

14. Grantor reserves to itself, its successors or assigns, all rights as owners of the Property, including the right to engage in all uses of the Conserved Area not inconsistent with the purpose and terms of this Conservation Easement and the right to manage the Conserved Area in accordance with the provisions of the West Virginia Conservation and Preservation Easements Act, West Virginia Code 20-12-1, *et seq.*
15. This instrument conveys no additional right of access by the general public to any portion of the Property.
16. Grantor shall be responsible for acts of its own negligence consistent with the provisions of the West Virginia Conservation and Preservation Easements Act, West Virginia Code 20-12-1, *et seq.*
17. This Conservation Easement shall survive any merger of the fee and restriction interest in the Conserved Area.
18. Upon prior written notice to Grantor, Antero and Third Parties, Grantee may assign its rights under this Grant of Conservation Easement to any qualified holder satisfying the definition set forth in West Virginia Code Chapter 20-12-3. No assignment may be made unless Grantee, as a condition of such assignment, requires the assignee to carry out the conservation purposes and terms of this Grant of Conservation Easement. If any such assignee ceases to exist, ceases to be a qualified holder under West Virginia Code Chapter 20-12-3, or abandons this easement or the rights and duties of enforcement herein set forth, or if proceedings are instituted for condemnation of this Grant of Conservation Easement, the Easement and rights of enforcement shall revert to Grantee. If Grantee shall be dissolved and if the terms of the dissolution fail to provide a successor, then the Court shall appoint a successor using the doctrine of *cy pres*.
19. Taxes, Insurance.
 - a. Grantor shall keep Conserved Area free of any liens arising out of any work performed for, materials furnished to, or obligations incurred by Grantor.
 - b. Grantor agrees to pay any real estate taxes or other assessments levied on the Conserved Area. If Grantor becomes delinquent in payment of said taxes or assessments, such that a lien against the land is created, Grantee, at its option, shall, after written notice to Grantor, have the right to purchase and acquire Grantor's interest in the Conserved Area or to take such other actions as may be necessary to protect Grantee's interest in the Conserved Area and to assure the continued enforceability of this Conservation Easement.
20. Eminent Domain, Proceeds.
 - a. Whenever all or part of the Conserved Area is taken in the exercise of eminent domain so as to substantially abrogate the restrictions imposed by this Conservation Easement, the Grantor and Grantee shall join in appropriate actions

at the time of such taking to recover the full value of the taking, and all incidental and direct damages due to the taking.

- b. In the event that all or a portion of this Conserved Area is sold, exchanged, or involuntarily converted following an extinguishment or the exercise of eminent domain, Grantee shall be entitled to the proceeds of such sale, exchange or conversion. Grantee shall use its share of the proceeds in a manner consistent with the purpose of this Grant of Conservation Easement, and in consultation with Third Parties.

21. Miscellaneous.

- a. The laws of the State of West Virginia shall govern the interpretation and performance of this Conservation Easement.
- b. If any provision of this Conservation Easement or the application thereof to any person or circumstance is found to be invalid, the remainder of the provisions of this Conservation Easement, or the application of such provision to persons or circumstances other than those as to which it is found to be invalid, as the case may be, shall not be affected thereby.
- c. This Conservation Easement sets forth the entire agreement of the parties with respect to the Conservation Easement and supersedes all prior discussions, negotiations, understandings or agreements relating to the easement, all of which are merged herein. No alteration or variation of this Conservation Easement shall be valid or binding unless contained in a writing executed by the parties hereto.
- d. Should there be more than one Grantor, the obligations imposed by this Conservation Easement upon each Grantor shall be joint and several.
- e. The covenants, terms, conditions and restrictions of this Conservation Easement shall be binding upon, and inure to the benefit of, the parties hereto and all parties having or acquiring any right, title or interest in the Conserved Area, including holders of subdivision deeds, and shall continue as a servitude running in perpetuity with the Conserved Area.
- f. The captions in this Conservation Easement have been inserted solely for convenience of reference and are not a part of this Conservation Easement and shall have no effect upon construction or interpretation.
- g. Execution of this Conservation Easement does not constitute a waiver of the rights or ownership interest of the State of West Virginia in public trust property.
- h. This Conservation Easement may be executed in any number of counterparts, all of which, taken together, shall constitute one and the same instrument.

22. Notwithstanding anything contained herein to the contrary, except for de minimis modifications as discussed below, any modification or termination of this Conservation Easement shall require the prior written approval of Grantee, its successors or assigns, and Third Parties. Amendments to this Conservation Easement must be in writing by all parties hereto, and must be consistent with the conservation purposes of this Grant. Grantor shall record any modification or termination of this Conservation Easement in the Land Records of the county or counties where the Conserved Area is located within sixty (60) days of executing such a modification or termination. Grantor shall provide Grantee, Antero and Third Parties with proof of recordation within thirty (30) days of recording by the County Clerk. Grantor reserves unto itself the right to undertake de minimis modifications of the Conserved Area that are approved by Grantee. A “de minimis modification” is a modification that results in an increased level of protection of or does not affect the natural resources protected by this Conservation Easement within the Conserved Area.
23. For any modification, transfer, conveyance, or assignment accomplished under paragraphs 10, 18 or 22, Grantor shall amend this instrument by preparing and submitting to Grantee for review and approval:
 - a. A revised plan and metes and bounds description for the area to be preserved under the modified Conservation Easement (hereinafter the “Modification Documents”); and
 - b. An Amended Conservation Easement that reflects the modifications to the original Conservation Easement, the justification for the modification, and that also includes the deed book and page of the title deed for the property or properties subject to the modified Conservation Easement set forth in the Modification Documents.
24. Grantor shall record the documents listed in paragraph 23, above, in the same manner and place as this original Conservation Easement was recorded.
25. This Grant of Conservation Easement may only be removed pursuant to West Virginia Code 20-12-4 and consistent with this Grant of Conservation Easement.

TO HAVE AND TO HOLD unto [GRANTEE], its successors and assigns forever. The covenants, terms, conditions, restrictions and purposes imposed with this Conservation Easement shall not only be binding upon Grantor but also upon its agents, personal representatives, executors, assigns and all other successors to it in interest, and shall continue as a servitude running in perpetuity with the Conserved Area.

IN WITNESS WHEREOF, Grantor has set its hand and seal on the day and year first above written, and directs that this instrument be recorded in the office of the [RELEVANT COUNTY].

[GRANTOR]

By: _____

Name: _____

Title: _____

STATE OF _____
COUNTY OF _____

Be it remembered that on this ____ day of _____, 20__, before me, the subscriber, a Notary Public, personally appeared: [NAME] and he thereupon acknowledged that he signed the foregoing instrument in such capacity, and that said instrument is the voluntary act of deed of said [NAME].

Printed Name: _____
A Notary Public of _____

My Commission Expires: _____

EXHIBIT A
CONSERVED AREA

EXHIBIT B

CONSENT TO COMPLY WITH GRANT OF CONSERVATION EASEMENT

With respect to its rights in the “Conserved Area,” as defined in the Grant of Conservation Easement made on [DATE] by [GRANTOR], whose address is [ADDRESS], located in [CITY], [COUNTY], [STATE], in favor of [GRANTEE], Antero Resources Corporation, hereby expressly consents to comply with the restriction of said Grant of Conservation Easement. This Consent is made pursuant to West Virginia Code § 20-12-4(d).

By: Antero Resources Corporation

Name: _____

Title: _____

Appendix D: Model Deed Restriction

Prepared by: [AUTHOR]

DEED RESTRICTION

THIS DECLARATION OF DEED RESTRICTIONS FOR CONSERVATION (“Declaration”) made this _____ day of _____, 20____, by [*Name of Landowner*] (“Grantor”), having an address at _____;

WITNESSETH:

WHEREAS, [GRANTOR] is the owner of certain real property located in the [PROPERTY TITLE] (hereinafter “the Property”), and the Property is also described in a deed of record in the office of the Clerk of the County Commission, [COUNTY] at Deed Book [BOOK], Page [PAGE]; and

WHEREAS, Grantor, having the authority to do so, intends to record this Declaration in order to restrict subsequent disturbance and/or development of that certain portion of the surface of the Property described on Exhibit A attached hereto (the “Conserved Area”) in perpetuity;

WHEREAS, the Conserved Area possesses open space and natural values (collectively, “Conservation Values”) of great importance to Grantor, the people of [COUNTY], and the people of the State of West Virginia, and all current and future generations of mankind; and

WHEREAS, preservation of the Conserved Area is consistent with a central objective of a Consent Decree in the matter of [*Case name*], Civil Action No. _____ (“Antero CD”), Grantor agrees that USACE, EPA, and WVDEP, and their successor agencies (collectively “Third Parties”), are third-party beneficiaries under this Declaration, except that nothing herein creates a property interest in the Federal Government or the State of West Virginia with regard to the Conserved Area;

NOW THEREFORE, Grantor hereby agrees that the Conserved Area shall be subject in perpetuity to the following conveyances, covenants and restrictions:

1. This Declaration shall be a burden upon and shall run with the Conserved Area, and shall bind Grantor, its successors and assigns, in perpetuity.
2. Grantor shall record this Declaration in the Land Records of the county or counties where the Property is located within sixty (60) days of the effective date of this Declaration. Grantor shall provide Antero Resources Appalachian Corporation (“Antero”) and Third Parties with proof of recordation and give notice of this Declaration to current record title holders of easements in the Conserved Area within thirty (30) days of recording by the County Clerk.

3. The following activities are prohibited in the Conserved Area, except as necessary for the control of alien invasive or noxious plant or animal species or as necessary to accomplish restoration and/or mitigation described in Paragraph 10:
 - a. Removal, excavation, dredging, or disturbance of the surface;
 - b. Dumping of, storage of, or filling with soil, rock, biological material, trash, ashes, garbage, waste, or other materials;
 - c. Draining, impounding, or impairing the flow or circulation, or reducing the reach of waters, including wetlands; or any other discharge or activity requiring a permit under applicable clean water or water pollution control laws and regulations, as amended;
 - d. Installation of structures;
 - e. Placement of pavement or other impervious materials;
 - f. Alteration of the existing pattern of vegetation through removal, destruction, or planting of vegetation;
 - g. Except to the extent necessary to return the Conserved Area to a use consistent with its use prior to Antero's initial entry onto the Conserved Area, conversion of, or expansion into, any portion of the Conserved Area for use of agricultural, horticultural, aquacultural, silvicultural, livestock production, or grazing activities. This prohibition also includes conversion from one type of these activities to another (e.g., from agricultural to silvicultural);
 - h. The use of fertilizers, herbicides or pesticides;
 - i. Removal, clearing, pruning, or mowing of live vegetation, including trees, unless Grantor demonstrates that such removal will result in habitat enhancement or to prevent a safety hazard, and Grantor has received written approval of the West Virginia Department of Environmental Protection;
 - j. The use of the Conserved Area to provide required open space for the development or subdivision of another property or to determine any other permissible residential, commercial or agricultural uses of another property; or any legal or de facto division, subdivision or portioning of the Conserved Area;
 - k. Any other use of or activity in the Conserved Area that is inconsistent with the purpose of this Declaration.

4. It is the purpose of the Declaration to assure that the Conserved Area will be maintained as such and to prevent any unauthorized disturbance and/or development to the Conserved Area.
5. Notwithstanding any provisions to the contrary, this Declaration is subject to and subordinate to any existing and duly recorded rights with respect to the Conserved Area. All structures, infrastructure, as well as all pre-existing easements or other duly recorded rights in the Conserved Area identifiable through a title search extending to documents placed of record within twenty (20) years prior to the date of this Declaration, shall be indicated on Exhibit A, which is attached to this instrument and includes a copy of the most recent property deed for the Property and a legal description sufficient to identify the boundaries of the Conserved Area. Grantor certifies that to Grantor's actual knowledge, there are no previously granted easements existing in the Conserved Area that interfere or conflict with the purpose of this Declaration.
6. All mortgages and deeds of trust granted or entered into after the date hereof affecting the Conserved Area will be subordinate to this Declaration.
7. The Conserved Area is subject to the Antero CD. Each deed, title or other instrument conveying an interest in the Conserved Area shall contain a notice stating that the Property is subject to the Antero CD and shall reference the recorded location of the Antero CD and any restrictions applicable to the Property under the Antero CD.
8. Antero and Third Parties shall have the right to:
 - a. enter upon the Conserved Area for the purpose of inspecting the Conserved Area to determine compliance with the purposes and terms of this Declaration, or for any other purpose authorized by this Declaration or by the Antero CD. When practicable, such entry shall be upon prior reasonable notice to the property owner. This right of entry is in addition to and does not limit any right of entry otherwise granted by Federal or State law;
 - b. take any and all action within the Conserved Area necessary to address a situation that poses an immediate risk to health, life, property or the environment; and
 - c. take any and all action within the Conserved Area required by Federal or State law or approved by the Third Parties.
9. Grantor grants to Third Parties a discretionary right to enforce this Declaration. In the event of a breach of this Declaration by Grantor or another party, Third Parties shall notify Grantor of the breach. If Grantor fails to take corrective action within 60 days of such notice, Third Parties may undertake actions to effect such corrective action, including bringing a judicial action against any person(s) or entity(ies) violating or attempting to violate this Declaration: provided, however, that no violation of this Declaration shall result in a forfeiture or reversion of title. In any enforcement action, an enforcing party shall be entitled to a complete restoration for any violation, as well as any

other judicial remedy such as civil penalties. The costs of breach, correction and/or restoration, including Third Parties' expenses, court costs, and attorney's fees, shall be paid by Grantor, provided Grantor is determined to be responsible for the breach. Enforcement shall be at the discretion of Third Parties, and no omissions or delay in acting shall constitute a waiver of any enforcement right. These rights are in addition to, and shall not limit, enforcement rights available under other provisions of law or equity, under any applicable permit or certification, or under the Antero CD.

10. Antero and/or its contractors shall have the right to enter upon the Conserved Area for the purpose of performing any work required by a restoration or mitigation plan approved under the Antero CD, including construction, planting, maintenance, monitoring, long-term management, or any other restoration, enhancement, or mitigation work specified therein, provided such work is conducted in accordance with such approved plan.
11. Grantor reserves to itself, its successors or assigns, all rights as owners of the Property, including the right to engage in all uses of the Conserved Area not inconsistent with the purpose and terms of this Declaration.
12. Grantor shall provide Antero and Third Parties written notice of any transfer or change in ownership of, or of the execution of any subsequent easement affecting, any portion of the Conserved Area, including but not limited to the name and address of the new owner at least thirty (30) days prior to the transfer or change in ownership, or execution of such easement.
13. Grantor agrees that the terms, conditions, restrictions and purposes of this Declaration will be inserted in any subsequent deed, subdivision deed, lease, sub-lease or other legal instrument by which Grantor divests itself of any interest in any portion of the Conserved Area. Notwithstanding the failure of Grantor to include the terms and restrictions of this instrument, it shall run with the land and be binding on all heirs, successors and assigns.
14. Notwithstanding anything contained herein to the contrary, any modification or termination of this Declaration shall require the prior written approval of Third Parties. Amendments to this Declaration must be in writing, and must be consistent with the conservation purposes of this Declaration. Grantor shall record any modification or termination of this Declaration in the Land Records of the county or counties where the Conserved Area is located within sixty (60) days of executing such a modification or termination. Grantor shall provide Antero and Third Parties with proof of recordation within thirty (30) days of recording by the County Clerk.
15. For any modification, transfer, conveyance, or assignment accomplished under Paragraph 12, Grantor shall amend this instrument by preparing and submitting:
 - a. A revised plan and metes and bounds description for the area to be preserved under the Declaration (hereinafter the "Modification Documents"); and

- b. An Amended Declaration of Deed Restrictions that reflects the modifications to the original Declaration, the justification for the modification, and that also includes the deed book and page of the title deed for the property or properties subject to the modified Declaration set forth in the Modification Documents.
16. Grantor shall record the documents listed in Paragraph 15, above, in the same manner and place as this original Declaration was recorded.
17. Miscellaneous.
- a. The laws of the State of West Virginia shall govern the interpretation and performance of this Declaration.
 - b. If any provision of this Declaration or the application thereof to any person or circumstance is found to be invalid, the remainder of the provisions of this Declaration, or the application of such provision to persons or circumstances other than those as to which it is found to be invalid, as the case may be, shall not be affected thereby.
 - c. Should there be more than one Grantor, the obligations imposed by this Declaration upon each Grantor shall be joint and several.
 - d. The covenants, terms, conditions and restrictions of this Declaration shall continue as a servitude running in perpetuity with the Conserved Area.
 - e. The captions in this Declaration have been inserted solely for convenience of reference and are not a part of this Declaration and shall have no effect upon construction or interpretation.
 - f. The covenants, terms, conditions, restrictions and purposes imposed with this Declaration shall not only be binding upon Grantor but also upon its agents, personal representatives, executors, assigns and all other successors to it in interest, and shall continue as a servitude running in perpetuity with the Conserved Area.
18. Any notice, demand, request, consent, approval or communication under this Declaration shall be sent by certified mail, return receipt requested or reliable overnight courier, addressed as follows:

To Grantor:

To Antero:

To Third Parties:

TO EPA:

Pamela J. Lazos
Senior Assistant Regional Counsel
Office of Regional Counsel
United States Environmental Protection Agency
Region III
MC 3RC20
1650 Arch St.
Philadelphia, PA 19103-2029

Associate Director, Office of Environmental Programs
Environmental Assessment and Innovation Division
United States Environmental Protection Agency
Region III
MC 3EA40
1650 Arch St.
Philadelphia, PA 19103-2029

TO THE CORPS:

Dana M. Adipietro
Assistant District Counsel
U.S. Army Corps of Engineers
Pittsburgh District
1000 Liberty Ave., 22nd Floor
Pittsburgh, PA 15222

Jon T. Coleman
Chief, Southern Section, Regulatory Branch
U.S. Army Corps of Engineers
Pittsburgh District
1000 Liberty Ave., 22nd Floor
Pittsburgh, PA 15222

Paul J. Loftus
Deputy District Counsel
U.S. Army Corps of Engineers
Huntington District

502 8th Street
Huntington, WV 25701

Lee A. Robinette
Chief, Energy Resource Branch
U.S. Army Corps of Engineers
Huntington District
502 8th Street
Huntington, WV 25701

TO WVDEP:

Chief Inspector
Environmental Enforcement
West Virginia Department of Environmental Protection
601 57th St.
Charleston, WV 25304

Chief
Office of Oil and Gas
West Virginia Department of Environmental Protection
601 57th St.
Charleston, WV 25304

19. A party may change the address or person to whom notices to it are required to be given by notice given in the manner above provided.

IN WITNESS WHEREOF, Grantor has set its hand and seal on the day and year first above written, and directs that this instrument be recorded in the office of the [RELEVANT COUNTY].

[GRANTOR]

By: _____

Name: _____

Title: _____

STATE OF _____
COUNTY OF _____

Be it remembered that on this ____ day of _____, 20__, before me, the subscriber, a Notary Public, personally appeared: [NAME] and he thereupon acknowledged that he signed the foregoing instrument in such capacity, and that said instrument is the voluntary act of deed of said [NAME].

Printed Name: _____
A Notary Public of _____

My Commission Expires: _____

EXHIBIT A
CONSERVED AREA

Appendix E: Mitigation Site

I. Agreement:

The parties have agreed that the following property shall be subject to restoration and that credits created by Defendant as a result of such remediation may be used by Antero for off-site mitigation, where agreed to and necessary as set forth in this Appendix E, pursuant to the terms and conditions of the Consent Decree among the United States of America, the State of West Virginia (by and through the West Virginia Department of Environmental Protection) and Defendant.

II. Property Description:

See Exhibit A to this Appendix E.

III. Delineation of Aquatic Resources:

The resources subject to this Appendix E have been delineated with methods accepted by the EPA and the U.S. Army Corps of Engineers (“Corps”). The Corps acknowledged the delineation, conducted by AllStar Ecology, in the April 13, 2015 Preliminary Jurisdictional Determination, which identifies any and all areas at the Mitigation Site which are potentially jurisdictional streams or wetlands, and shows the extent of the water which may be subject to restoration.

IV. Proposed Restoration:

Antero submitted a detailed Restoration Plan for the Mitigation Site to EPA, with subsequent revisions. The most recent plan is dated June 13, 2018. The Restoration Plan must (a) be based on the functional capacity of current Site conditions, designed to restore those parts of the Mitigation Site chosen for restoration to pre-disturbance original conditions with regard to topography, structure and hydrologic flow to ensure that the physical, chemical, and biological functions and services that were provided by the impacted resources are restored to pre-disturbance levels to the extent practicable; (b) include a schedule for implementation; (c) include a computation of the credits which are anticipated to be created as a result of performing the restoration; (d) ensure that restored areas are stabilized so as to avoid landslides or slips, (e) utilize only native West Virginia species for planting; (f) incorporate quantitative performance measures; and (g) include a post-restoration monitoring plan for a period of at least five to ten years.

After review of the Restoration Plan, EPA will: a) approve the Plan, in whole or in part; b) approve the Plan upon specified conditions; c) disapprove the Plan, in whole or in part; or d) any combination of the above.

If EPA disapproves all or part of a Restoration Plan, Defendant shall, within 60 days of receipt of EPA’s disapproval, address the reasons for disapproval and resubmit the Restoration Plan for approval. If a Restoration Plan submitted pursuant to this provision is disapproved in

whole or in part three times or more, EPA, in consultation with the Corps and the State, may itself correct the deficiencies in the Plan and require restoration in accordance with the plan developed by EPA, subject to Defendant's right to invoke Dispute Resolution pursuant to Section X of this Consent Decree.

Based on the plan provided to EPA in Exhibit A to Appendix E, 5,021 stream credits and 2.3 wetland credits as calculated in the West Virginia Stream and Wetland Valuation Metric ("WVSWVM") may be generated from the Mitigation Site and used to offset on-site impacts that have been or will be agreed to by the parties at the sites contained in Appendix A to this Consent Decree. If, during the monitoring period, the Mitigation Site is not meeting performance standards and is unlikely to provide the projected credit numbers, Antero will provide alternative mitigation to compensate for the credits that will not be realized at the Mitigation Site without the need for approval from the Court, provided that the current estimate of credits which may be generated at the site may be subject to further modification based upon supplemental information contained in that subsequent Mitigation Site restoration plan dated June 13, 2018 and provided to EPA by Antero.

V. Restoration and Mitigation

Upon approval of a Restoration Plan (either with or without conditions or modifications by EPA), the Restoration Plan is incorporated into this Appendix E, and Defendant, or its representatives, shall implement the Plan as approved or modified by EPA. Restoration work at the Mitigation Site shall be executed in accordance with the approved schedule.

VI. Communications.

All other correspondence related to this Mitigation Site should be submitted to the EPA representatives to whom communications are to be made pursuant to Paragraph 69 of the Consent Decree.

VII. Conservation Easement.

The property identified herein as the Mitigation Site is currently owned by Bear Knob Holdings LLC. Antero shall receive the consent of Bear Knob Holdings, LLC, and shall require that a Conservation Easement be placed upon the Mitigation Site consistent with those terms and conditions contained in Appendix C.

**IN THE UNITED STATES DISTRICT COURT
FOR THE NORTHERN DISTRICT OF WEST VIRGINIA**

UNITED STATES OF AMERICA and
THE STATE OF WEST VIRGINIA by and
through the WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL
PROTECTION,

Plaintiffs,

v.

ANTERO RESOURCES CORP.,

Defendant.

Civil Action No. _____

**PLAINTIFFS' NOTICE OF
LODGING OF CONSENT DECREE**

Plaintiffs the United States of America (“United States”) and the State of West Virginia, by and through the West Virginia Department of Environmental Protection (“the State”), hereby notify the Court that they are lodging a proposed Consent Decree which, if approved, would resolve all of the claims asserted by Plaintiffs in this litigation.

Plaintiffs respectfully request that the Court withhold consideration of the Consent Decree while the United States provides an opportunity for public comment pursuant to 28 C.F.R. 50.7, and the State provides an opportunity for public comment pursuant to W. Va. Code R. § 47-10-16.2.c. The Department of Justice will publish a notice in the Federal Register stating that the Decree has been lodged with the Court. The notice will solicit public comment for a period of 30 days. In addition, the West Virginia Department of Environmental Protection will publish a notice in a general circulation newspaper pursuant to W. Va. Code R. § 47-10-16.2.c. The notice will solicit comment for a period of 30 days.

During the comment period described above, no action is required of the Court as to the proposed Consent Decree. After the comment period has closed, the United States and the State will evaluate any comments they receive and timely advise the Court as to whether the United States and the State request that the Court enter the proposed Consent Decree.

Dated: February 11, 2019

Respectfully submitted,

FOR THE UNITED STATES OF AMERICA:

/s/ Patrick R. Jacobi

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Northern District of West Virginia

/s/ Helen Altmeyer

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FOR THE STATE OF WEST VIRGINIA:

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JS 44 (Rev. 06/17)

CIVIL COVER SHEET

1:19-CV-20 Received: 02/11/2019

The JS 44 civil cover sheet and the information contained herein neither replace nor supplement the filing and service of pleadings or other papers as required by law, except as provided by local rules of court. This form, approved by the Judicial Conference of the United States in September 1974, is required for the use of the Clerk of Court for the purpose of initiating the civil docket sheet. (SEE INSTRUCTIONS ON NEXT PAGE OF THIS FORM.)

I. (a) PLAINTIFFS

United States of America, and The State of West Virginia, by and through the West Virginia Department of Environmental Protection.

(b) County of Residence of First Listed Plaintiff

(EXCEPT IN U.S. PLAINTIFF CASES)

DEFENDANTS

Antero Resources Corp.

County of Residence of First Listed Defendant Harrison

(IN U.S. PLAINTIFF CASES ONLY)

NOTE: IN LAND CONDEMNATION CASES, USE THE LOCATION OF THE TRACT OF LAND INVOLVED.

Attorneys (If Known)

Hank Lawrence (304 933-8186) and Armando Benincasa (304 353-8147), Steptoe & Johnson PLLC, 400 White Oaks Blvd., Bridgeport, WV 26330.

II. BASIS OF JURISDICTION (Place an "X" in One Box Only)☒ 1 U.S. Government Plaintiff☐ 3 Federal Question (U.S. Government Not a Party)☐ 2 U.S. Government Defendant☐ 4 Diversity (Indicate Citizenship of Parties in Item III)**III. CITIZENSHIP OF PRINCIPAL PARTIES** (Place an "X" in One Box for Plaintiff and One Box for Defendant)

	PTF	DEF		PTF	DEF
Citizen of This State	<input type="checkbox"/> 1	<input type="checkbox"/> 1	Incorporated or Principal Place of Business In This State	<input type="checkbox"/> 4	<input type="checkbox"/> 4
Citizen of Another State	<input type="checkbox"/> 2	<input type="checkbox"/> 2	Incorporated and Principal Place of Business In Another State	<input type="checkbox"/> 5	<input type="checkbox"/> 5
Citizen or Subject of a Foreign Country	<input type="checkbox"/> 3	<input type="checkbox"/> 3	Foreign Nation	<input type="checkbox"/> 6	<input type="checkbox"/> 6

IV. NATURE OF SUIT (Place an "X" in One Box Only)

Click here for: Nature of Suit Code Descriptions.

CONTRACT	TORTS	FORFEITURE/PENALTY	BANKRUPTCY	OTHER STATUTES	
<input type="checkbox"/> 110 Insurance <input type="checkbox"/> 120 Marine <input type="checkbox"/> 130 Miller Act <input type="checkbox"/> 140 Negotiable Instrument <input type="checkbox"/> 150 Recovery of Overpayment & Enforcement of Judgment <input type="checkbox"/> 151 Medicare Act <input type="checkbox"/> 152 Recovery of Defaulted Student Loans (Excludes Veterans) <input type="checkbox"/> 153 Recovery of Overpayment of Veteran's Benefits <input type="checkbox"/> 160 Stockholders' Suits <input type="checkbox"/> 190 Other Contract <input type="checkbox"/> 195 Contract Product Liability <input type="checkbox"/> 196 Franchise	PERSONAL INJURY <input type="checkbox"/> 310 Airplane <input type="checkbox"/> 315 Airplane Product Liability <input type="checkbox"/> 320 Assault, Libel & Slander <input type="checkbox"/> 330 Federal Employers' Liability <input type="checkbox"/> 340 Marine <input type="checkbox"/> 345 Marine Product Liability <input type="checkbox"/> 350 Motor Vehicle <input type="checkbox"/> 355 Motor Vehicle Product Liability <input type="checkbox"/> 360 Other Personal Injury <input type="checkbox"/> 362 Personal Injury - Medical Malpractice	PERSONAL INJURY <input type="checkbox"/> 365 Personal Injury - Product Liability <input type="checkbox"/> 367 Health Care/ Pharmaceutical Personal Injury Product Liability <input type="checkbox"/> 368 Asbestos Personal Injury Product Liability PERSONAL PROPERTY <input type="checkbox"/> 370 Other Fraud <input type="checkbox"/> 371 Truth in Lending <input type="checkbox"/> 380 Other Personal Property Damage <input type="checkbox"/> 385 Property Damage Product Liability	<input type="checkbox"/> 625 Drug Related Seizure of Property 21 USC 881 <input type="checkbox"/> 690 Other LABOR <input type="checkbox"/> 710 Fair Labor Standards Act <input type="checkbox"/> 720 Labor/Management Relations <input type="checkbox"/> 740 Railway Labor Act <input type="checkbox"/> 751 Family and Medical Leave Act <input type="checkbox"/> 790 Other Labor Litigation <input type="checkbox"/> 791 Employee Retirement Income Security Act IMMIGRATION <input type="checkbox"/> 462 Naturalization Application <input type="checkbox"/> 465 Other Immigration Actions	<input type="checkbox"/> 422 Appeal 28 USC 158 <input type="checkbox"/> 423 Withdrawal 28 USC 157 PROPERTY RIGHTS <input type="checkbox"/> 820 Copyrights <input type="checkbox"/> 830 Patent <input type="checkbox"/> 835 Patent - Abbreviated New Drug Application <input type="checkbox"/> 840 Trademark SOCIAL SECURITY <input type="checkbox"/> 861 HIA (1395ff) <input type="checkbox"/> 862 Black Lung (923) <input type="checkbox"/> 863 DIWC/DIWW (405(g)) <input type="checkbox"/> 864 SSID Title XVI <input type="checkbox"/> 865 RSI (405(g)) FEDERAL TAX SUITS <input type="checkbox"/> 870 Taxes (U.S. Plaintiff or Defendant) <input type="checkbox"/> 871 IRS—Third Party 26 USC 7609	<input type="checkbox"/> 375 False Claims Act <input type="checkbox"/> 376 Qui Tam (31 USC 3729(a)) <input type="checkbox"/> 400 State Reapportionment <input type="checkbox"/> 410 Antitrust <input type="checkbox"/> 430 Banks and Banking <input type="checkbox"/> 450 Commerce <input type="checkbox"/> 460 Deportation <input type="checkbox"/> 470 Racketeer Influenced and Corrupt Organizations <input type="checkbox"/> 480 Consumer Credit <input type="checkbox"/> 490 Cable/Sat TV <input type="checkbox"/> 850 Securities/Commodities/Exchange <input type="checkbox"/> 890 Other Statutory Actions <input type="checkbox"/> 891 Agricultural Acts <input checked="" type="checkbox"/> 893 Environmental Matters <input type="checkbox"/> 895 Freedom of Information Act <input type="checkbox"/> 896 Arbitration <input type="checkbox"/> 899 Administrative Procedure Act/Review or Appeal of Agency Decision <input type="checkbox"/> 950 Constitutionality of State Statutes
REAL PROPERTY <input type="checkbox"/> 210 Land Condemnation <input type="checkbox"/> 220 Foreclosure <input type="checkbox"/> 230 Rent Lease & Ejectment <input type="checkbox"/> 240 Torts to Land <input type="checkbox"/> 245 Tort Product Liability <input type="checkbox"/> 290 All Other Real Property	CIVIL RIGHTS <input type="checkbox"/> 440 Other Civil Rights <input type="checkbox"/> 441 Voting <input type="checkbox"/> 442 Employment <input type="checkbox"/> 443 Housing/Accommodations <input type="checkbox"/> 445 Amer. w/Disabilities - Employment <input type="checkbox"/> 446 Amer. w/Disabilities - Other <input type="checkbox"/> 448 Education	PRISONER PETITIONS Habeas Corpus: <input type="checkbox"/> 463 Alien Detainee <input type="checkbox"/> 510 Motions to Vacate Sentence <input type="checkbox"/> 530 General <input type="checkbox"/> 535 Death Penalty Other: <input type="checkbox"/> 540 Mandamus & Other <input type="checkbox"/> 550 Civil Rights <input type="checkbox"/> 555 Prison Condition <input type="checkbox"/> 560 Civil Detainee - Conditions of Confinement			

V. ORIGIN (Place an "X" in One Box Only)

☒ 1 Original Proceeding ☐ 2 Removed from State Court ☐ 3 Remanded from Appellate Court ☐ 4 Reinstated or Reopened ☐ 5 Transferred from Another District (specify) ☐ 6 Multidistrict Litigation - Transfer ☐ 8 Multidistrict Litigation - Direct File

VI. CAUSE OF ACTION

Cite the U.S. Civil Statute under which you are filing (Do not cite jurisdictional statutes unless diversity):

33 U.S.C. §§ 1311, 1319, 1344; W. Va. Code §§ 22-11-6, 22-11-8, 22-11-22.

Brief description of cause:

Alleged violations of Section 404 of the Clean Water Act at 32 sites in Harrison, Doddridge, and Tyler Counties.

VII. REQUESTED IN COMPLAINT:
☐ CHECK IF THIS IS A CLASS ACTION UNDER RULE 23, F.R.Cv.P.
DEMAND \$

CHECK YES only if demanded in complaint:

JURY DEMAND: ☐ Yes ☒ No**VIII. RELATED CASE(S) IF ANY**

(See instructions):

JUDGE N/A

DOCKET NUMBER N/A

DATE

02/11/2019

SIGNATURE OF ATTORNEY OF RECORD

FOR OFFICE USE ONLY

RECEIPT #

AMOUNT

APPLYING IFP

JUDGE

MAG. JUDGE